

ICOM-6

6th International Conference on Memory

17-22 JULY 2016
Budapest , Hungary



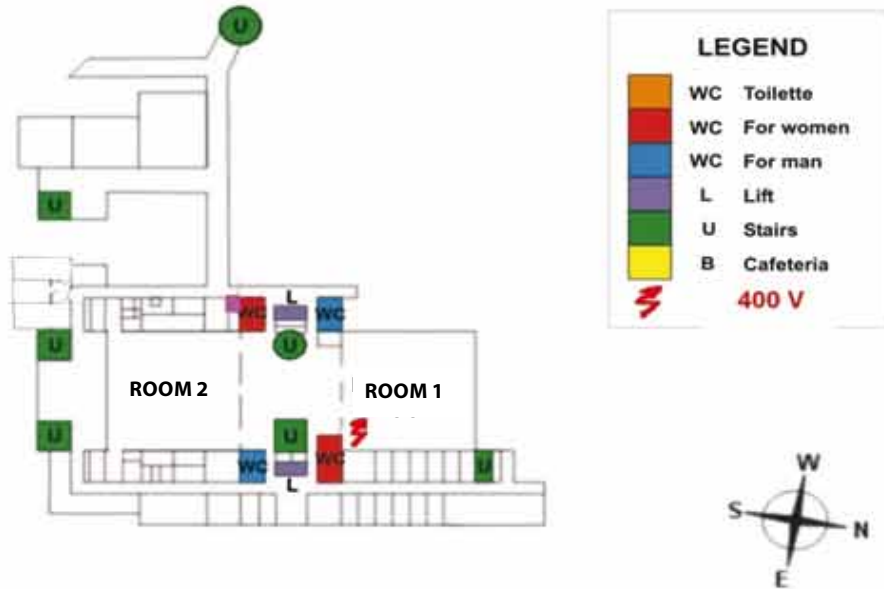
PROGRAM BOOK

icom2016.com
www.assisztencia.hu

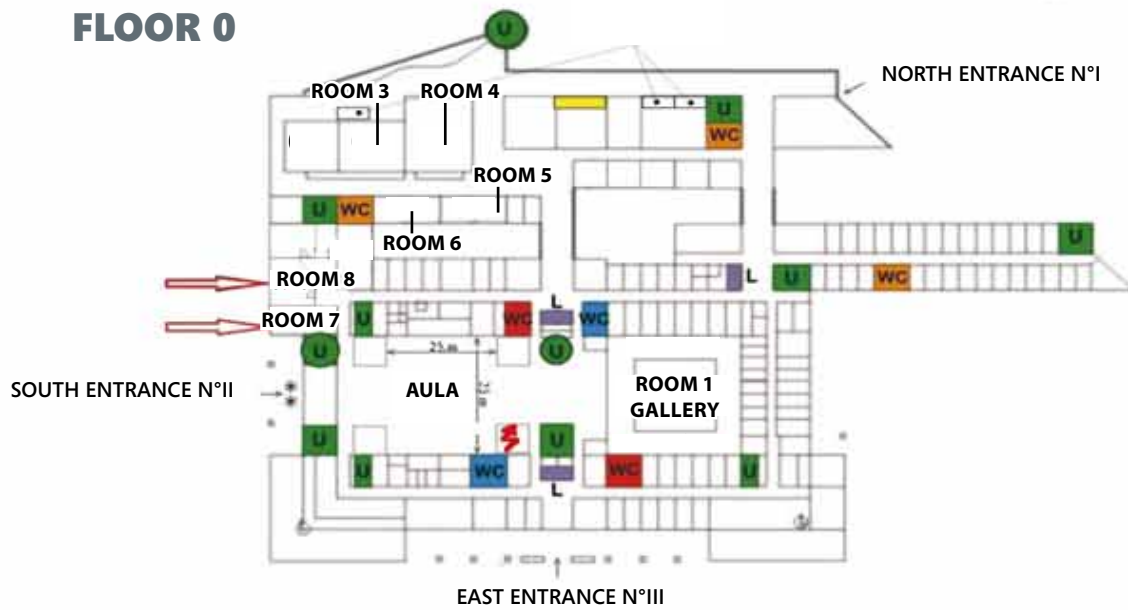


VENUE MAP

FLOOR -1



FLOOR 0



ICOM-6
6th International Conference on Memory
17-22 JULY 2016
Budapest , Hungary



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WELCOME

DEAR COLLEAGUES,

Welcome to the 6th International Conference on Memory – ICOM-6. This is the largest ICOM we have ever organized with over a 1000 delegates and over 600 presentations. As always with an ICOM the choices of talks are just too much, but we hope with a bit of selectivity you will still find the program a pleasure.

Also you might like to note that we are taking the opportunity of this ICOM to found a new association of memory researchers, provisionally called the Memory Researchers Network (MRN), more details of this will be emailed and there will be a new page on the ICOM web site that can be used to join. We hope that everyone will!

We are all looking forward to a great meeting – see you there!

Martin Conway

On behalf of the ICOM-6 Organizing Committee

GENERAL INFORMATION

KEYNOTE SPEAKERS

Carol A. Barnes - University of Arizona
Lila Davachi - New York University
Simona Ghetti - University of California, Davis
Lynn Hasher - University of Toronto
Michael J. Kahana - University of Pennsylvania
Eleanor Maguire - University College London
Henry L. Roediger - Washington University in St. Louis
Daniel L. Schacter - Harvard University
Andy Yonelinas - University of California, Davis
Jeff Zacks - Washington University in St. Louis

CONFERENCE COMMITTEE

Professor Martin A. Conway
 Professor Barbara Knowlton
 Professor Lynn Nadel
 Dr. Mihaly Racsmany
 Dr. Beth Jefferies
 Dr. Tom Hartely
 Dr. Agnes Lukacs
 Dr. Fiona Gabbert

CONFERENCE DATES

July 17 – 22, 2016

CONFERENCE VENUE

ELTE University Congress Center
 Pázmány Péter sétány 1/A.
 H-1117 Budapest, Hungary

How to access the conference venue:

- located in south Buda side, at Petőfi Bridge
- easy connection by tram No. 4-6 serving 24/24 a day

ONSITE

REGISTRATION HOURS

July 17 Sunday	15:00-19:00
July 18 Monday	08:00-18:00
July 19 Tuesday	08:00-18:00
July 20 Wednesday	08:00-15:00
July 21 Thursday	08:00-18:00
July 22 Friday	08:00-12:00

NAME /ENTRY TAG

Your personal name tag provides access to the conference site and to all conference events. Please wear it at all times; without it you may not be allowed into the conference venues.

WIFI

Complimentary wifi access is available for participants in the Aula during the conference.
 SSID: ICOM2016 Password: Elte201617

LUNCH AND COFFEE BREAKS (AULA)

JULY 17 | SUNDAY

- Welcome reception: 18:30-20:00

JULY 18 | MONDAY

- Lunch: 11:30-13:00
- Coffee break: 15:00-15:30

JULY 19 | TUESDAY

- Lunch: 11:30-13:00
- Coffee break: 15:00-15:30

JULY 20 | WEDNESDAY

- Coffee break: 11:30-12:00

JULY 21 | THURSDAY

- Lunch: 11:30-13:00
- Coffee break: 15:00-15:30

JULY 22 | FRIDAY

- Coffee break: 11:30-12:00

HOSPITALITY

WELCOME RECEPTION

Sunday | July 17, 2016 | 18:30-20:00

The welcome reception of the conference will be organized at the venue.

Participation at this event is included in the registration fee.

CONFERENCE DINNER ON THE DANUBE

Thursday | July 21, 2016 | 19:00-22:00

All participants of the conference are kindly invited to the Conference Dinner. The dinner will take place on Europa Boat. The ship is the biggest and most equipped fluvial event venue in Central Europe. You will be able to enjoy a most impressive view of Budapest from the Danube from the huge terrace of Európa Ship during the dinner. After dinner there will be an opportunity to continue your conversation on the boat if the weather allows.

This program is available at extra cost: 50 EUR/person.

Booking can be made onsite at the registration desk till July 19 (Tuesday) 16:00.

ABSTRACTS

Abstracts are available and downloadable on icom2016.com

BUDAPEST USEFUL INFORMATION

PUBLIC TRANSPORTATION:

Budapest has fast and reliable public transportation. Tickets for one ride or for 10 rides can be bought at the entrance to any metro station.

TAXI SERVICE:

Taxis in Budapest are relatively cheap and very reliable. Nonetheless, please be careful about which carrier you take; unregistered or unmetered taxis have been known to overcharge passengers. It is best to call a registered taxi company to request a taxi, and give them your name and location.

We recommend the following taxi operators:

City Taxi (+361) 2111 111

Budapest Taxi (+361) 4333 333

Főtaxi (+361) 2222 222

Taxi 2000 (+361) 2000 000

REACHING THE AIRPORT:

The Budapest Airport has an excellent minibus service to and from the airport, and it comes directly to your address. You can purchase a one-way or a return ticket from them. The Minibus must be ordered 24 hours in advance. This can be done by your hotel, or by calling (+361) 296 8555 directly.

Főtaxi (061) 2222 222 is the official Budapest Airport taxi service. It has fixed prices from and to the airport, so if you are taking a taxi to or from there, please ask for the fixed price.

EMERGENCY NUMBERS:

Emergency ambulance number: 104

Emergency number Budapest Police: 107

BANKING AND MONEY EXCHANGE:

In Hungary banks are open from Monday to Friday. Working hours are usually from 9 – 15, selected branches only 9 – 18. ATM machines are practically everywhere. If you need to change cash, please be aware that exchange rates can differ greatly, ranging from 1% to almost 10%. There is usually no commission, but you have to check the actual rate of your currency and the selling prices. These should be posted clearly at the exchange booth; please do not attempt to change money where rates are not clearly posted.

DAILY PROGRAM OVERVIEW A

SUNDAY JULY 17, 2016			ROOM
17:15-18:15	Keynote session I	Daniel L. Schacter	Room 1
18:30-20:00	Welcome reception at Conference Venue		Aula

MONDAY JULY 18, 2016			ROOM
08:30-09:20	Keynote session II	Carol Barnes	Room 1
09:20-09:30	Break		
09:30-11:30	Talk sessions		
	S0029	Neural networks and interactions underlying episodic memory: evidence from functional connectivity	Room 1
	I071	Recognition / DRM / false memory I	Room 2
	I091	Prospective memory	Room 3
	I011	Retrieval processes I	Room 4
	S0062	What musical memories can tell us about autobiographical memory	Room 5
	S0010	The impact of culture, age, and psychopathology on autobiographical memories and life stories	Room 6
	S0001	Adaptation and prediction in sensory memory	Room 7
	S0005	Building semantic knowledge: Fast mapping and slow assimilation	Room 8
11:30-13:00	P1	Poster session I	Aula
	Lunch break		
13:00-15:00	Talk sessions		
	S0002	The multifaceted role of the ventromedial prefrontal cortex (vmPFC) in memory and decision making	Room 1
	I041	Autobiographical memory I	Room 2
	S0022	Exceptional Memory Abilities	Room 3
	S0039	Social memory and group synergy: What individuals bring to, do in and get out of collaborative memory groups	Room 4
	I081	Working memory I	Room 5
	S0007	Eyewitness Identification: Confidence, Accuracy, and Justifications	Room 6
	S0041	Why do songs get stuck in our mind? Findings from research on involuntary musical imagery	Room 7
	I051	Collective memory/social I	Room 8
15:00-15:30	Coffee break		
15:30-17:30	Talk sessions		
	S0011	Neural Mechanisms of Memory Control	Room 1
	S0053	Working memory across the lifespan: theoretical and applied perspectives	Room 2

DAILY PROGRAM OVERVIEW A

	S0052	Temporally Extended Autobiographical Memory: Lifetime Periods, Event Clusters, and Life Chapters	Room 3
	S0061	Memory, awareness and metacognition	Room 4
	I131	Face memory – Eyewitness I	Room 5
	I072	Recognition II	Room 6
	I141	Emotion and memory II	Room 7
	S0006	Novel Approaches to Investigating the Neural Computations Underlying Memory-Guided Decision Making	Room 8
17:30-17:40	Break		
17:40-18:25	Keynote session III	Henry L. Roediger III	Room 1

TUESDAY JULY 19, 2016			ROOM
08:30-09:20	Keynote session IV	Jeffrey M. Zacks	Room 1
09:20-09:30	Break		
09:30-11:30	Talk sessions		
	S0059	What is the Parietal Lobe Contribution to Episodic Memory?	Room 1
	S0047	Conceptions of Self and Others in Autobiographical Memory	Room 2
	I062	Development of memory I	Room 3
	S0003	Memory Decline and Preservation	Room 4
	I031	Sleep and memory	Room 5
	I171	Future thinking	Room 6
	S0017	The Concept of Episodic Memory: Challenges from Philosophy and Psychology	Room 7
	S0049	Factors that enhance and disrupt memory	Room 8
11:30-13:00	P2	Poster session II	Aula
	Lunch break		Aula
13:00-15:00	Talk sessions		
	I042	Autobiographical memory II	Room 1
	S0023	Towards a mechanistic understanding of memory development: Evidence from behavior and cognitive neuroscience	Room 2
	S0027	Prospective memory in normal and abnormal ageing	Room 3
	S0018	Memory Flexibility: From molecular mechanisms to clinical applications	Room 4
	S0037	Episodic Memory and Aging: Perspectives on Brain and Behavior	Room 5
	S0028	Consolidation of procedural learning	Room 6
	S0033	Storytelling, scaffolding, success and sensitivity in collaborative memory across the lifespan	Room 7
	I124	Neuroscience of memory I	Room 8
15:00-15:30	Coffee break		Aula

DAILY PROGRAM OVERVIEW A

15:30-17:30	Talk sessions		
	S0038	The Ever-Changing Engram: Towards an Integrated Understanding of Long-Term Memory Dynamics	Room 1
	S0035	Neuromodulatory Effects on Episodic Memory	Room 2
	S0031	Unitization: Learning new associations as a single coherent item	Room 3
	S0060	What's this chamber doing in my brain? The role of the thalamus in memory.	Room 4
	S0042	Retrieval mechanisms in autobiographical memory	Room 5
	S0004	Fact and Fiction: Remembering and Emotion in the Lab and the Courtroom	Room 6
	S0025	Interactions between memory representation and control: Mechanisms and age-related differences	Room 7
	I122	Neuroscience of memory II	Room 8
17:30-17:40	Break		
17:40-18:25	Keynote session V	Simona Ghetti	Room 1

WEDNESDAY JULY 20, 2016			ROOM
08:30-09:20	Keynote session VI	Lila Davachi	Room 1
09:20-09:30	Break		
09:30-11:30	Talk sessions		
	S0151	Social Aspects of Memory: Building a collective memory through collaborative remembering I	Room 1
	I012	Retrieval processes II	Room 2
	S0045	The neurocognitive mechanisms of prospective memory development	Room 3
	I021	Forgetting I	Room 4
	S0032	Insights into memory using the case study approach	Room 5
	S0026	Advances in high-resolution imaging of the MTL - Structural and functional development	Room 6
	I143	Emotion and memory I	Room 7
	S0008	Modulation of replay for sleep-dependent memory consolidation	Room 8
11:30-12:00	Coffee break		Aula
12:00-14:15	Talk sessions		
	S0152	Social Aspects of Memory: Building a collective memory through collaborative remembering II	Room 1
	S0014	Shaping memories via reactivation	Room 2
	S0020	When remembering is a challenge: visual working memory and aging	Room 3
	S0024	Neurocircuitry of episodic memory as revealed by neurodegenerative disorders	Room 4
	S0058	Neural Basis of Prospective Memory	Room 5

DAILY PROGRAM OVERVIEW A

	S0013	Theoretical and legal issues related to autobiographical belief and recollection	Room 6
	S0054	New Perspectives on Childhood Memory	Room 7
	I082	Working memory II	Room 8
14:15-14:25	Break		
14:25-15:25	Keynote session VII	Andrew Yonelinas	Room 1

THURSDAY JULY 21, 2016			ROOM
08:30-09:20	Keynote session VIII	Michael J. Kahana	Room 1
09:20-09:30	Break		
09:30-11:30	Talk sessions		
	S0030	A retrieval-specific mechanism of adaptive forgetting: from neural instantiation to social consequences	Room 1
	S0055	Amnesia Lab: art-science collaborative research	Room 2
	S0048	Conceptual and empirical advances in déjà vu research	Room 3
	I013	Retrieval processes III	Room 4
	S0056	Key findings in Working Memory	Room 5
	S0043	Memory and Genetics	Room 6
	I061	Development of memory II	Room 7
	I083	Working memory and recognition III	Room 8
11:30-13:00	P3	Poster session III	Aula
	Lunch break		Aula
13:00-15:00	Talk sessions		
	I121	Neuroscience of memory III	Room 1
	S0021	Systems interactions in memory	Room 2
	I151	Ageing and neuropsychology of memory I	Room 3
	I023	Forgetting II	Room 4
	S0019	Methodological and statistical advances in autobiographical memory research	Room 5
	S0040	Research on involuntary autobiographical memories: Past, present and future	Room 6
	S0012	Developmental changes in memory binding, pattern separation, and pattern completion across the lifespan	Room 7
	I111	Memory encoding and learning	Room 8
15:00-15:30	Coffee break		Aula
15:30-17:30	Talk sessions		
	S0044	Intrusive memories in daily life and psychopathology: a special form of memory challenging mainstream theories?	Room 1
	S0046	Mechanisms underlying familiarity and novelty decisions: Two sides of the same coin?	Room 2

DAILY PROGRAM OVERVIEW A

	S0009	Grids cells: spatial navigation and beyond	Room 3
	S0016	Good vibes for memory: How rhythmic neural activity shapes when, how, and what we remember	Room 4
	S0034	Beyond Yes and No: Memory is Conditional	Room 5
	S0050	Autobiographical Memory and Psychopathology	Room 6
	I022	Forgetting III	Room 7
	I123	Neuroscience of memory IV	Room 8
17:30-17:40	Break		
17:40-18:25	Keynote session IX	Lynn Hasher	Room 1

FRIDAY JULY 22, 2016			ROOM
08:30-09:20	Keynote session X	Eleanor A. Maguire	Room 1
09:20-09:30	Break		
09:30-11:30	Talk sessions		
	I152	Ageing and neuropsychology of memory II	Room 1
	I052	Collective memory/social II	Room 2
	I142	Emotion and memory III	Room 3
	I132	Face memory - Eyewitness II	Room 4
	I161	Miscellaneous I	Room 5
11:30-12:00	Coffee break		Aula
12:00-15:00	Talk sessions		
	S0057	Memory in the 'Real World': Factors influencing memory in forensic settings	Room 1
	S0051	I remember it now, but not a day later: Accelerated long-term forgetting	Room 2
	S0036	The representation of serial order in working memory	Room 3
	I101	Perception – Memory / Music	Room 4
	I162	Miscellaneous II	Room 5
15:00-15:10	Conference Closing		Room 1

DAILY PROGRAM OVERVIEW B

SUNDAY, 17 JULY 2016

HOURS	ROOM 1
08:30-09:20	K1 - KEYNOTE SESSION I Martin A. Conway

PROGRAM OVERVIEW –
SESSIONS BY ROOM

DAILY PROGRAM OVERVIEW B

MONDAY, 18 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K2 - KEYNOTE SESSION II Carol Barnes							
09:20-09:30	Break							
09:30-11:30	S0029 Neural networks and interactions underlying episodic memory: evidence from functional connectivity Jesse Rissman, Michael Rugg	I071 Recognition / DRM / false memory I Asher Koriat	I091 Prospective memory Jason L. Hids	I011 Retrieval processes I Yana Weinstein	S0062 What musical memories can tell us about autobiographical memory Catherine Loveday, Trudi Edgington, Martin A. Conway	S0010 The impact of culture, age, and psychopathology on autobiographical memories and life stories Christin Köber, Norman Brown	S0001 Adaptation and prediction in sensory memory István Czíglér, István Winkler	S0005 Building semantic knowledge: Fast mapping and slow assimilation Marc N. Coutanche, Sharon L. Thompson-Schill
11:30-13:00	P1 - POSTER SESSION I (AULA)							
	Lunch Break							
13:00-15:00	S0002 The multifaceted role of the ventromedial prefrontal cortex (vmPFC) in memory and decision making Asaf Gilboa, Morris Moscovitch	I041 Autobiographical memory I Martin A. Conway	S0022 Exceptional Memory Abilities Martin Dresler, Boris Konrad	S0039 Social memory and group synergy: What individuals bring to, do in and get out of collaborative memory groups Amanda J. Barnier, John Sutton	I081 Working memory I Richard Allen	S0007 Eyewitness Identification: Confidence, Accuracy, and Justifications Chad Dodson	S0041 Why do songs get stuck in our mind? Findings from research on involuntary musical imagery Lia Kvavilashvili, Lauren Stewart	I051 Collective memory/ social I Robert A. Nash
15:00-15:30	Coffee Break							
15:30-17:30	S0011 Neural Mechanisms of Memory Control Michael C. Anderson, Taylor Schmitz, Daniel Schacter	S0053 Working memory across the lifespan: theoretical and applied perspectives Amanda Waterman	S0052 Temporally Extended Autobiographical Memory: Lifetime Periods, Event Clusters, and Life Chapters Dorthe Kirkegaard, Thomsen Tilmann Habermas	S0061 Memory, awareness and metacognition Daniel C. Mograbi, Robin G. Morris	I131 Face memory – Eyewitness I Catriona Morrison	I072 Recognition II Helen L. Williams	I141 Emotion and memory II Adam R. Congleton	S0006 Novel Approaches to Investigating the Neural Computations Underlying Memory-Guided Decision Making Raphael Kaplan, Christian Doeller
17:30-17:40	Break							
17:40-18:25	K3 - KEYNOTE SESSION III Henry L. Roediger III							

DAILY PROGRAM OVERVIEW B

TUESDAY, 19 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K4 - KEYNOTE SESSION IV Jeffrey M. Zacks							
Break								
09:20-09:30								
09:30-11:30	S0059 What is the Parietal Lobe Contribution to Episodic Memory?	S0047 Conceptions of Self and Others in Autobiographical Memory	I062 Development of memory I	S0003 Memory Decline and Preservation	I031 Sleep and memory	I171 Future thinking	S0017 The Concept of Episodic Memory: Challenges from Philosophy and Psychology	S0049 Factors that enhance and disrupt memory
	Jon Simons, Morris Moscovitch	David B. Pillemer, Dorte K. Thomsen	Ryan J Fitzgerald	Davide Bruno	Caroline Horton	Stephen Dewhurst	Sven Bernecker	Angela Gutches, Nancy Dennis
P2 - POSTER SESSION II (AULA)								
11:30-13:00								
13:00-15:00	I042 Autobiographical memory II	S0023 Towards a mechanistic understanding of memory development: Evidence from behavior and cognitive neuroscience	S0027 Prospective memory in normal and abnormal ageing	S0018 Memory Flexibility: From molecular mechanisms to clinical applications	S0037 Episodic Memory and Aging: Perspectives on Brain and Behavior	S0028 Consolidation of procedural learning	S0033 Storytelling, scaffolding, success and sensitivity in collaborative memory across the lifespan	I124 Neuroscience of memory I
	David Hallford	Noa Ofen, Yee Lee Shing, Lynn Nadel	Agnieszka Niedźwińska, Lia Kvavilashvili	Marijn Kroes, Bryan Strange	Moshe Naveh-Benjamin	Dezso Nemeth, Edwin Robertson	Amanda Barnier, William Hirst	Florin Dolcos
Coffee Break								
15:00-15:30								
	S0038 The Ever-Changing Engram: Towards an Integrated Understanding of Long-Term Memory Dynamics	S0035 Neuromodulatory Effects on Episodic Memory	S0031 Unitization: Learning new associations as a single coherent item	S0060 What's this chamber doing in my brain? The role of the thalamus in memory.	S0042 Retrieval mechanisms in autobiographical memory	S0004 Fact and Fiction: Remembering and Emotion in the Lab and the Courtroom	S0025 Interactions between memory representation and control: Mechanisms and age-related differences	I122 Neuroscience of memory II
	Almut Hupbach, Lynn Nadel	Matthias Gruber	Axel Mecklinger, Christine Bastin	Lola Danet, Emmanuel Barbeau	Søren R. Staugaard, Lynn A. Watson	Mark L. Howe, Lauren M. Knott, Martin A. Conway	Yee Lee Shing, Yana Fandakova, Roberto Cabeza	Carl J. Hodgetts
Break								
17:30-17:40								
17:40-18:25	K5 - KEYNOTE SESSION V Simona Ghetti							

PROGRAM OVERVIEW – SESSIONS BY ROOM

DAILY PROGRAM OVERVIEW B

WEDNESDAY, 19 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K6 - KEYNOTE SESSION VI Lila Davachi							
09:20-09:30	Break							
09:30-11:30	S0151 Social Aspects of Memory: Building a collective memory through collaborative remembering I William Hirst, Suparna Rajaram	1012 Retrieval processes II Janina A. Hoffmann	S0045 The neurocognitive mechanisms of prospective memory development Mareike Altgassen, Daniel P. Sheppard, Judi A. Ellis	1021 Forgetting I Paula Hertel	S0032 Insights into memory using the case study approach Scott Cole, Kata Pauly-Takacs, Martin A. Conway	S0026 Advances in high-resolution imaging of the MTL - Structural and functional development Andrew R. Bender, Attila Keresztes	1143 Emotion and memory I Mara J. Richman	S0008 Modulation of replay for sleep-dependent memory consolidation Gordon B. Feld, Thomas Schreiner
11:30-12:00	Coffee Break							
12:00-14:15	S0152 Social Aspects of Memory: Building a collective memory through collaborative remembering II William Hirst, Suparna Rajaram	S0014 Shaping memories via reactivation Maria Wimber, Chris Bird, Yadin Dudai	S0020 When remembering is a challenge: visual working memory and aging Hubert D. Zimmer	S0024 Neurocircuitry of episodic memory as revealed by neurodegenerative disorders Muireann Irish, Michael Kopelman	S0058 Neural Basis of Prospective Memory Nicolas Rothen, Beat Meier	S0013 Theoretical and legal issues related to autobiographical belief and recollection Henry Otgaar, Mark L. Howe	S0054 New Perspectives on Childhood Memory Sami Gülgöz, Qi Wang, David B. Pillemer	1082 Working memory II Geoffrey F. Woodman
14:15-14:25	Break							
14:25-15:25	K7 - KEYNOTE SESSION VII Andrew Yonelinas							

DAILY PROGRAM OVERVIEW B

THURSDAY, 19 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K8 - KEYNOTE SESSION VIII Michael J. Kahana							
09:20-09:30	Break							
09:30-11:30	S0030 A retrieval-specific mechanism of adaptive forgetting: from neural instantiation to social consequences Alin Coman, Michael C. Anderson	S0055 Amnesia Lab: art-science collaborative research Shona Illingworth, Jill Bennett, Martin A. Conway	S0048 Conceptual and empirical advances in déjà vu research Christine E. Wells, Akira R. O'Connor, Daniel L. Schacter	I013 Retrieval processes III Talya Sadeh	S0056 Key findings in Working Memory Geoff Ward	S0043 Memory and Genetics Souchay Céline, Fabienne Collette	I061 Development of memory II Tim Graf	I083 Working memory and recognition III Keisuke Fukuda
11:30-13:00	P3 - POSTER SESSION III (AULA)							
11:30-13:00	Lunch Break							
13:00-15:00	I121 Neuroscience of memory III Lucy Cheke	S0021 Systems interactions in memory Steffen Gais, Monika Schönauer	I151 Ageing and neuropsychology of memory I Nathan S. Rose	I023 Forgetting II Ben Levy	S0019 Methodological and statistical advances in autobiographical memory research Steve M. J. Janssen, Joseph M. Fitzgerald, Katinka Dijkstra	S0040 Research on involuntary autobiographical memories: Past, present and future Lia Kvavilashvili, Daniel Schacter	S0012 Developmental changes in memory binding, pattern separation, and pattern completion across the lifespan Chi Ngo, Nora Newcombe	I111 Memory encoding and learning Kristin E. Flegal
15:00-15:30	Coffee Break							
	S0044 Intrusive memories in daily life and psychology: a special form of memory challenging mainstream theories? Alex Lau-Zhu, Emily A. Holmes	S0046 Mechanisms underlying familiarity and novelty decisions: Two sides of the same coin? Christine Bastin, Emmanuel Barbeau, Christopher Moulin	S0009 Grids cells: spatial navigation and beyond Aidan Horner, Christian Doeller, Neil Burgess	S0016 Good vibes for memory: How rhythmic neural activity shapes when, how, and what we remember Markus Werkle-Bergner, Myriam C. Sander	S0034 Beyond Yes and No: Memory is Conditional Avi Karni, Sara Ferman, Peter De Weerd	S0050 Autobiographical Memory and Psychopathology Mirjam Vermeulen, Fortesa Kadriu	I022 Forgetting III Karl-Heinz T. Bauml	I123 Neuroscience of memory IV David Smith
17:30-17:40	Break							
17:40-18:25	K9 - KEYNOTE SESSION IX Lynn Hasher							
20:00-23:00	Conference Dinner							

DAILY PROGRAM OVERVIEW B

FRIDAY, 19 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
08:30-09:20	K10 - KEYNOTE SESSION X Eleanor A. Maguire				
09:20-09:30	Break				
09:30-11:30	1152 Ageing and neuropsychology of memory II Jennifer Ryan	1052 Collective memory/social III Shamsul Haque	1142 Emotion and memory III Caitlin Hitchcock	1132 Face memory - Eyewitness II Philip A Higham	1161 Miscellaneous I Rosalind Potts
11:30-12:00	Coffee Break				
12:00-15:00	S0057 Memory in the 'Real World': Factors influencing memory in forensic settings Julie Gawrylowicz, Lorraine Hope	S0051 I remember it now, but not a day later: Accelerated long-term forgetting Suncica Sunny Lah, Laurie Miller	S0036 The representation of serial order in working memory Steve Majerus, Mike Page	1101 Perception – Memory / Music Steffen A. Herff	1162 Miscellaneous II Bodil S.A. Karlsson
15:00-15:10	Conference Closing				

KEYNOTE SESSION I

K1 SESSION

Chairs: Martin A. Conway

17:15 - 18:15 | SUNDAY, 17 JULY 2016 | ROOM 1

A-1012 KEYNOTE LECTURE: Memory, Imagination, and Creativity: Functions of Episodic Simulation and Retrieval

Daniel L. Schacter

Harvard University

Numerous recent studies have explored the role of memory in imagining possible future experiences and related kinds of hypothetical events. Many of these studies have provided evidence that simulating possible events depends on much of the same neural and cognitive machinery as does remembering past events. According to the constructive episodic simulation hypothesis, simulation of future experiences depends importantly on episodic memory, which allows individuals to draw on the past in a manner that flexibly extracts and re-combines elements of previous experiences. Such flexibility is adaptive for simulating alternative scenarios based on past experiences, but it also may render the system prone to memory errors. This talk will address questions concerning constructive and functional aspects of episodic simulation and episodic memory, and will also consider evidence from recent studies that have used specificity inductions to characterize the contributions of episodic retrieval to a range of cognitive tasks, including imagination, problem solving, and creativity.

KEYNOTE SESSION II

K2 SESSION

Chairs: Barbara Knowlton

08:30 - 09:20 | MONDAY, 18 JULY 2016 | ROOM 1

A-1009 KEYNOTE LECTURE: Impact of Aging on Brain Circuits Critical for Memory

Carol Barnes

Regents' Professor, Departments of Psychology, Neurology and Neuroscience, University of Arizona
Aging is associated with specific impairments of learning and memory, some of which are similar to those caused by damage to temporal or frontal lobe structures. For example, healthy older humans, monkeys and rats all show poorer spatial, recognition and working memory, than do their younger counterparts. Rats and monkeys do not develop age-related pathology such as Alzheimer's and Parkinson's diseases, which makes them good models for assessing functional alterations associated with normal aging in humans. While many cellular properties of medial temporal lobe cells appear to be intact in aging animals, age-related impairments in synaptic function, plasticity and gene expression have been observed. Because information is represented by activity patterns across large populations of neurons, an understanding of the neural basis of cognitive changes in aging requires the examination of the dynamics of behaviorally-driven neural networks. Ensemble recording experiments are described that suggest fundamental changes in the storage and retrieval of information, as well as in high level perceptual processing in aging hippocampal and perirhinal cortical circuits. In addition, frontal cortical correlates of working memory are discussed. Together the evidence suggests that normative aging processes show both cell type and region specificity, and rather than uniform deterioration, the aging brain can show changes consistent with adaptive, compensatory processes.

KEYNOTE SESSION III

K3 SESSION

Chairs: Fiona Gabbert

17:40 - 18:25 | MONDAY, 18 JULY 2016 | ROOM 1

A-1010 The Curiously Complex Relation Between Confidence and Accuracy in Memory Research: A Possible Resolution

Henry L. Roediger III

Washington University in St. Louis

Cognitive psychologists in laboratory situations often report high correlations between confidence and accuracy in reports from memory (for lists of words, pictures or similar materials). Forensic psychologists from a social psychological tradition often report a weak or even nonexistent relationship between confidence and accuracy in simulated crime studies. How can we reconcile these different relations? I will show that several different methods or approaches can be used to address the confidence-accuracy relation. In lab studies using word lists, the same set of data can provide positive, null and negative correlations (with the same subjects and items) depending on the method of analysis. But what about the confidence-accuracy relation in mock-crime lineup studies or even real lineups used in police departments? I will argue that when the most appropriate analysis is applied to the issue - a confidence-accuracy characteristic curve -- the relation between confidence and accuracy is surprisingly strong, at least on the first memory test a witness is given. The most confident witnesses average about 98% accuracy in an initial fair lineup. The claim that confidence is useless or of limited value is wrong for initial eyewitness identifications. Confidence can have strong evidentiary value in courts of law, so long as only the initial test is considered. All witnesses are confident by the time they get to court, and that fact has created the false impression that confidence is always unreliable.

KEYNOTE SESSION IV

K4 SESSION

Chairs: Martin A. Conway

08:30 - 09:20 | TUESDAY, 19 JULY 2016 | ROOM 1

A-1072 KEYNOTE LECTURE: Predicting, comprehending, and remembering events

Jeffrey M. Zacks

Washington University in Saint Louis

In the laboratory, the "episodes" in episodic memory can be constructed from controlled materials such as list of words or pictures. In the real world, episodes must be constructed during encoding and that structure leaves its fingerprints on subsequent memory. In this talk I will describe a theory that relates the subjective experience of events to computational mechanisms of prediction error monitoring and memory updating. Briefly, Event Segmentation Theory proposes that perceivers maintain a working memory representation of the current event and use it to guide predictions about what will happen in the near future. When prediction error spikes, they update their model. Data from individual differences, neuropsychology, and neuroimaging suggest that this mechanism is functionally significant for memory and that it can be impaired by neurological injury or disease. New results indicate that it is possible to improve the encoding of event structure and that this may improve subsequent memory. Such results have implications for technology design and for the remediation of memory disorders in conditions including healthy aging, Alzheimer's disease, and post-traumatic stress disorder.

KEYNOTE SESSION V

K5 SESSION

Chairs: Fiona Gabbert

17:40 - 18:25 | TUESDAY, 19 JULY 2016 | ROOM 1

A-1073 KEYNOTE LECTURE: Building blocks of episodic memory: A neurodevelopmental account

Simona Ghetti

University of California, Davis

In this talk, I will discuss the neurocognitive mechanisms that lead to improvements in episodic memory during child development. Specifically, I will review evidence showing that: (1) changes in the hippocampus contribute to improvements in relational processes that integrate various features of an experience (e.g., what, when, where) into memory episodes; and (2) changes in fronto-parietal processes facilitate the refinement of the capacity to reflect on the subjective phenomenology of episodic memory. I will also show how these processes operate in infancy and whether they suggest developmental continuity in memory functioning. I will end by highlighting current challenges and directions for future research.

KEYNOTE SESSION VI

K6 SESSION

Chairs: Mihaly Racsmany

08:30 - 09:20 | WEDNESDAY, 20 JULY 2016 | ROOM 1

A-1076 KEYNOTE LECTURE: The temporal structure of episodic memory

Lila Davachi

New York University

While much research has focused on understanding what processes that are most likely to lead to remembering any particular moment in time, the paradigms used have artificially created episodes and, thus, do not address how we link experiences across time. At the heart of this question is when do we bind sequential items (when do they belong to the same episodic context?) And how is this accomplished? I will present recent behavioral, functional imagining and MEG data that supports the idea that perceived boundaries (i.e. temporal/perceptual/semantic shifts) result in a long-term restructuring of memory representations such that information encountered within-events is more tightly linked than information encountered across boundaries. Furthermore, the ability to later recall the temporal information about prior events is enhanced when there is greater similarity in brain patterns across successive trials during encoding and with the reactivation of intervening items during retrieval.

KEYNOTE SESSION VII

K7 SESSION

Chairs: Lynn Nadel

14:25 - 15:25 | WEDNESDAY, 20 JULY 2016 | ROOM 1

A-1060 KEYNOTE LECTURE: The MTL in memory, perception and emotion: The promiscuous hippocampus

Andrew Yonelinas

University of California, Davis

Our ability to remember the important events that make up our lives is critically dependent on the medial temporal lobe (MTL). More recent work, however, has suggested that different subregions within the MTL may support distinct mnemonic processes and that they may play important roles in cognitive tasks beyond traditional tests of long term episodic memory. I will describe work showing that the hippocampus plays a central role in binding together and subsequently recollecting the different aspects that make up an episode or event, whereas other regions such as the perirhinal cortex can support familiarity-based memory discriminations even when recollection fails. In addition, I present evidence that the hippocampus is involved in supporting short-term memory and even visual perception, when those tasks involve high-resolution or complex bindings. I will then focus in the unique role of emotion in episodic memory and show that the amygdala supports recollection of emotional bindings that exhibit relatively slow forgetting compared to hippocampal bindings. Finally, I will examine the effects of acute stress on different MTL regions and present data showing that post-encoding stress can rescue memory from the effects of forgetting by acting as a mnemonic filter.

KEYNOTE SESSION VIII

K8 SESSION

Chairs: Mihaly Racsmany

08:30 - 09:20 | THURSDAY, 21 JULY 2016 | ROOM 1

A-1065 Electrophysiological biomarkers of episodic memory

Michael J. Kahana

University of Pennsylvania

Human memory is highly variable across items and lists. To uncover the neural correlates of this variability we examine recordings from indwelling electrodes as neurosurgical patients studied and subsequently recalled word lists. These data have revealed that both narrow-band brain oscillations and broad-band power fluctuations recorded during study predict subsequent recall. Here we report multivariate analyses that reveal a widely distributed topography of high-frequency activity (70-100Hz) during memory encoding that accurately predicts subsequent recall. If variability in network physiology accounts for variability in behavior, we should be able to modulate the electrophysiology to alter behavior. We thus electrically stimulated hypothesized memory structures during the encoding a subset of memoranda in a delayed recall task. Stimulation produced a broad range of behavioral outcomes along the axis from impairment to facilitation. This variability in behavioral response turned out to be highly predictable on the basis of the multivariate biomarkers described above. Stimulation was most likely to improve memory when the biomarker signaled poor memory and it produced the greatest impairments when the biomarker signaled good memory. Across the regions stimulated, the stimulation-induced change in the multivariate biomarker predicted whether memory would be improved or impaired by focal electrical stimulation.

KEYNOTE SESSION IX

K9 SESSION

Chairs: Barbara Knowlton

17:40 - 18:25 | THURSDAY, 21 JULY 2016 | ROOM 1

A-1074 KEYNOTE LECTURE: Benefits from Poor Attention Regulation

Lynn Hasher

University of Toronto

Attention regulation plays a critical role in performance on a wide range of cognitive tasks. When it is efficient, as is frequently the case for healthy young adults, it permits rapid learning and accurate retrieval of goal - relevant information. When attention regulation is not efficient, as is frequently so for older adults (and for young adults tested at off peak times of day), performance patterns are quite different and non-goal relevant information (i.e., distraction) will play a larger role than is otherwise the case. Distraction is a double - edged sword when cognitive control is reduced: It can be disruptive, slowing responses, increasing errors, reducing retrieval. Distraction can also be facilitative, resulting in greater learning of information (including both relevant targets and irrelevant distraction), greater binding of information, and, perhaps most surprisingly, less forgetting. This talk will focus on the benefits of reduced control over attention, using healthy aging as a model with some evidence from young adults operating at off peak times of day and others induced to be in a good mood.

KEYNOTE SESSION X

K10 SESSION

Chairs: Lynn Nadel

08:30 - 09:20 | FRIDAY, 22 JULY 2016 | ROOM 1

A-1011 KEYNOTE LECTURE: Mental time travelling about memory neuroscience - what's new since ICOM5?

Eleanor A. Maguire

Wellcome Trust Centre for Neuroimaging, University College London, UK

From ultra-high field neuroimaging in humans, to optogenetics and intracellular recordings in awake behaving animals, the five years since ICOM5 continued to see dramatic developments in memory neuroscience. Focusing in particular on humans, in this talk I will consider whether these advanced approaches have hastened answers to long-standing questions in the field, if in fact we are asking the right questions, and whether we need to take a new perspective on how memories are instantiated in the brain. Using cognitive, neuropsychological and brain imaging data, I will try to account for the increasing number of reports of traditional 'memory' brain regions being vital for functions such as perception, different modes of thinking, problem-solving and decision making. Further, recent high resolution structural and functional MRI data will demonstrate how the underlying processes and mechanisms involved are now tractable in vivo in humans. Overall, this work will illustrate the connected nature of cognition and reveal how its wheels may be oiled by processes in the hippocampus.

DAILY DETAILED PROGRAM

SUNDAY, 17 JULY 2016

SUNDAY PROGRAM

PROGRAMME

SUNDAY, 17 JULY 2016

ROOM 1

**K1
KEYNOTE SESSION I**

SUNDAY, 17 JULY 2016 | 17:15-18:15 | ROOM 1

Chair: Martin A. Conway

1. **KEYNOTE LECTURE: Memory, Imagination, and Creativity: Functions of Episodic Simulation and Retrieval** A-1012
Daniel L. Schacter
Harvard University

DAILY DETAILED PROGRAM

MONDAY, 18 JULY 2016

MONDAY PROGRAM

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K2 KEYNOTE SESSION II Carol Barnes							
09:20-09:30	Break							
09:30-11:30	S0029 Neural networks and interactions underlying episodic memory: evidence from functional connectivity	I071 Recognition / DRM / false memory I	I091 Prospective memory	I011 Retrieval processes I	S0062 What musical memories can tell us about autobiographical memory	S0010 The impact of culture, age, and psychopathology on autobiographical memories and life stories	S0001 Adaptation and prediction in sensory memory	S0005 Building semantic knowledge: Fast mapping and slow assimilation
	Jesse Rissman, Michael Rugg	Asher Koriat	Jason L. Hicks	Yana Weinstein	Catherine Loveday, Trudi Edgington, Martin A. Conway	Christin Köber, Norman Brown	István Czigler, István Winkler	Marc N. Coutanche, Sharon L. Thompson-Schill
11:30-13:00	P1 POSTER SESSION I (AULA)							
	Lunch Break							

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
13:00-15:00	S0002 The multifaceted role of the ventromedial prefrontal cortex (vmPFC) in memory and decision making Asaf Gilboa, Morris Moscovitch	I041 Autobiographical memory I Martin A. Conway	S0022 Exceptional Memory Abilities Martin Dresler, Boris Konrad	S0039 Social memory and group synergy: What individuals bring to, do in and get out of collaborative memory groups Amanda J. Barnier, John Sutton	I081 Working memory I Richard Allen	S0007 Eyewitness Identification: Confidence, Accuracy, and Justifications Chad Dodson	S0041 Why do songs get stuck in our mind? Findings from research on involuntary musical imagery Lia Kvavilashvili, Lauren Stewart	I051 Collective memory/social I Robert A. Nash
15:00-15:30	Coffee Break							
15:30-17:30	S0011 Neural Mechanisms of Memory Control Michael C. Anderson, Taylor Schmitz, Daniel Schacter	S0053 Working memory across the lifespan: theoretical and applied perspectives Amanda Waterman	S0052 Temporally Extended Autobiographical Memory: Lifetime Periods, Event Clusters, and Life Chapters Dorthe Kirkegaard, Thomsen Tilmann Habermas	S0061 Memory, awareness and metacognition Daniel C. Mograbi, Robin G. Morris	I131 Face memory – Eyewitness I Catriona Morrison	I072 Recognition II Helen L. Williams	I141 Emotion and memory II Adam R. Congleton	S0006 Novel Approaches to Investigating the Neural Computations Underlying Memory-Guided Decision Making Raphael Kaplan, Christian Doeller
17:30-17:40	Break							
17:40-18:25	K3 KEYNOTE SESSION III Henry L. Roediger III							

ROOM 1

K2

KEYNOTE SESSION II

MONDAY, 18 JULY 2016 | 08:30-09:20 | ROOM 1

Chair: Barbara Knowlton

1. **KEYNOTE LECTURE: Impact of Aging on Brain Circuits Critical for Memory** A-1009
Carol Barnes
Regents' Professor, Departments of Psychology, Neurology and Neuroscience, University of Arizona

S0029

NEURAL NETWORKS AND INTERACTIONS UNDERLYING EPISODIC MEMORY: EVIDENCE FROM FUNCTIONAL CONNECTIVITY

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 1

Chair: Jesse Rissman, Michael Rugg

Discussant: Michael Rugg

The past few years have seen a surge of interest in examining the neural networks and interactions underpinning episodic memory by analysis of resting-state and task-related functional connectivity. The speakers in this symposium will describe research in which these approaches, applied both to fMRI data and intracranial electrophysiological recordings, have been used to gain insight into the functional organization of the neural systems engaged during episodic memory tasks, and how this organization might differ across the adult lifespan. The symposium will provide a snapshot of the diverse methodologies that are currently employed to address these questions, highlight significant new findings, and provide the opportunity for an assessment of some of the most important priorities for future research.

1. **Hippocampal-neocortical interactions during memory processes** A-0989
Nikolai Axmacher
Department of Neuropsychology, Institute of Cognitive Neuroscience, Faculty of Psychology, Ruhr University Bochum, Bochum, Germany
2. **Hippocampal contributions to the large-scale episodic memory network** A-1006
Roberto Cabeza, Benjamin Geib, Matthew Stanley
Center for Cognitive Neuroscience, Duke University, Durham, USA
3. **Understanding Age Differences in Memory Through Network Functional Connectivity** A-0991
Cheryl Grady
Rotman Research Institute at Baycrest; University of Toronto, Toronto, Canada
4. **Cortico-hippocampal systems involved in memory and emotion** A-0742
Maureen Ritchey, Andrew P. Yonelinas, Charan Ranganath
University of California, Davis, USA; Boston College, Boston, USA

ROOM 1

5. **Episodic memory retrieval benefits from a less modular brain network organization** A-1005

Jesse Rissman, Andrew Westphal
University of California, Los Angeles, USA

S0002

THE MULTIFACETED ROLE OF THE VENTROMEDIAL PREFRONTAL CORTEX (VMPFC) IN MEMORY AND DECISION MAKING

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 1

Chair: Asaf Gilboa

Discussant: Morris Moscovitch

The ventromedial prefrontal cortex (vmPFC) has been implicated in diverse decision-making and memory functions with deep and fundamental differences among the theories proposed to account for this diversity. We will discuss animal (Bouret, Richards), developmental (Fandakova and Ghetti), neuroimaging (Fernandez, Preston) and human lesion (Fellows, Gilboa) research that highlights diverse mnemonic functions of the vmPFC. Functions considered will include forms of representational binding, consolidation and transformation (schema, memory generalization), strategic metamnemonic operations (monitoring, confidence), and value learning in decision making (reward prediction). Our respective lectures will address possible dissociations of function along the rostro-caudal and dorsal-ventral axes of the vmPFC, and highlight the importance of vmPFC's extensive connectivity with other cortical and sub-cortical structures. We will relate empirical findings to different theoretical frameworks or models; in doing so, we will attempt to relate the models to seemingly unrelated empirical findings, including some that are not represented in the symposium (e.g. extinction learning, affective and self processing). By bringing together different points of view and different research methodologies we hope to foster fruitful discussion that will identify convergence and divergence in current theories of vmPFC function.

1. **Does the medial prefrontal cortex help us to optimize schemata usage in a changing world?** A-0258

Adam Santoro, Paul Frankland, Blake Richards
The Hospital for Sick Children, Toronto, Canada Institute of Medical Sciences, University of Toronto, Toronto, Canada DeepMind Technologies, London, UK Department of Psychology, University of Toronto, Toronto, Canada Department of Physiology, University of Toronto, Toronto, Canada Department of Biological Sciences, University of Toronto Scarborough, Toronto, Canada Department of Cell and Systems Biology, University of Toronto, Toronto, Canada

2. **Hippocampal-medial prefrontal contributions to memory representation and restructuring** A-0039

Alison Preston
The University of Texas at Austin, Austin, TX, USA

3. **Is there an alternative route into long-term memory?** A-0021

Guillén Fernández
Donders Institute for Brain, Cognition and Behavior, Radboud University Medical Center, Nijmegen, The Netherlands

ROOM 1

4. **Medial prefrontal contributions to the development of metamnemonic monitoring and control** A-0032
Yana Fandakova, Simona Ghetti
Center for Mind and Brain and Department of Psychology, University of California, Davis
5. **The primate VMPFC: building a cognitive representation of goal value** A-1014
Aurore San-Galli, Chiara Varazzani, Mathias Pessiglione, Sebastien Bouret
Team Motivation Brain & Behavior CNRS/INSERM/ICM Paris, France
6. **vmPFC, memory decision-making and schemas: Evidence from confabulation and electrophysiology** A-0020
Asaf Gilboa
Rotman Research Institute at Baycrest, Canada; Department of Psychology, University of Toronto, Canada; Canadian Partnership for Stroke Recovery, Canada
7. **What are the critical vmPFC contributions to value-related learning in humans?** A-0034
Lesley K Fellows
Montreal Neurological Institute McGill University Montreal, Canada

S0011

NEURAL MECHANISMS OF MEMORY CONTROL

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 1

Chair: Michael C. Anderson, Taylor Schmitz

Discussant: Daniel Schacter

When we confront an unwelcome reminder of a past or future event, we often attempt to exclude the unwanted thought from conscious awareness. Previous research has established that controlling awareness in this manner impairs retention of unwanted thoughts, providing a model of motivated forgetting and of memory control more broadly. Over the last 5 years, significant advances have been made in elucidating the neural systems and mechanisms underlying memory control. In this symposium, we bring together eight speakers whose work ranges from primate neuroanatomy to human imaging methods including fMRI, MEG, and Magnetic-Resonance Spectroscopy. We consider foundational issues, such as the existence of a supramodal inhibitory mechanism underlying the stopping of actions and thoughts, the effect of mnemonic control on the medial-temporal lobe processes, the link between inhibitory neurotransmitters such as GABA and the effects of memory control, and how suppressing awareness of feared future events affects structures involved in episodic prospection. Complementing research on basic mechanisms is work directed at understanding disordered control over intrusive thoughts about the past and the future in post-traumatic stress disorder and anxiety. Collectively, these findings begin to specify a neurobiological model of memory control of clinical significance.

1. **Symposium Overview: Towards a Neurobiological Model of Memory Control** A-0098
Michael C. Anderson
MRC Cognition and Brain Sciences Unit, University of Cambridge, Cambridge, United Kingdom
2. **Primate prefrontal pathways affect the input and output of the hippocampus and memory.** A-0099
Helen Barbas
Boston University, Boston, United States

ROOM 1

3. **Inhibitory control of thoughts and actions: Common control processes, dissociable targets** A-0100
Taylor Schmitz, Catarina Ferreira, Yuhua Guo, Michael C. Anderson
MRC Cognition and Brain Sciences Unit, University of Cambridge, Cambridge United Kingdom University of Birmingham, Birmingham, United Kingdom
4. **GABAergic inhibition of hippocampal retrieval processes supports the control of unwanted thoughts** A-0101
Michael C. Anderson, Taylor Schmitz, Marta Correia, Catarina Ferreira, Andrew Prescott
MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom; University of Birmingham, Birmingham, United Kingdom; University of Utah, School of Medicine, Utah, United States
5. **Parallel regulation of memory and emotion supports the suppression of intrusive memories** A-0102
Pierre Gagnepain, Justin C. Hulbert, Michael Anderson
INSERM, U0, Caen, France; Bard College, Annandale-On-Hudson, United States; MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom
6. **Neural evidence for the context account of directed forgetting** A-0103
Lili Sahakyan
University of Illinois, Urbana-Champaign
7. **Functional connectivity changes with directed forgetting** A-0104
Barbara Knowlton
University of California, Los Angeles, Los Angeles, United States
8. **PTSD symptom severity correlates with behavioral and neural markers of memory suppression** A-0105
Gerd Waldhauser, Martin Dahl, Martina Ruf-Leuschner, Veronika Müller, Maggie Schauer, Nikolai Axmacher, Thomas Elbert, Simon Hanslmayr
Ruhr-University Bochum Institute of Cognitive Neuroscience, Department of Neuropsychology, Bochum, Germany; Department of Psychology, University of Konstanz, Konstanz, Germany; Department of Psychology, University of Birmingham, Birmingham, Germany
9. **Attenuating future fears by suppressing recurrent prospective simulations** A-0106
Roland G. Benoit, Daniel Davies, Michael C. Anderson
Harvard University, Cambridge, United States; Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany University of Cambridge, Department of Psychiatry, Cambridge, United Kingdom MRC Cognition and Brain Sciences Unit, University of Cambridge, Cambridge, United Kingdom

ROOM 1

**K3
KEYNOTE SESSION III**

MONDAY, 18 JULY 2016 | 17:40-18:25 | ROOM 1

Chair: Fiona Gabbert

1. **The Curiously Complex Relation Between Confidence and Accuracy in Memory Research: A Possible Resolution** A-1010
Henry L. Roediger III
Washington University in St. Louis

ROOM 2

**I071
RECOGNITION / DRM / FALSE MEMORY I**

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 2

Chair: Asher Koriat

1. **Expected Test-Format Moderates Age-Related Differences in Recognition Memory** A-0153
Beatrice G. Kuhlmann
University of Mannheim, Mannheim, Germany
2. **Doubts about confidence** A-0161
Asher Koriat, Shiri Adiv
Department of Psychology, University of Haifa, Haifa, Israel
3. **Stealing and donating ideas: how typical?** A-0275
Timothy J. Hollins, Nicholas Lange
Plymouth University, Plymouth, UK.
4. **On the Shape of Signal-Detection Distributions in Individual Recognition ROC Data** A-0277
Simone Malejka, Arndt Bröder
University of Mannheim, Germany
5. **We forget faces of out-group members following recognition practice** A-0292
Ashleigh M. Maxcey, Kelsi F. Rugo
Tennessee State University, Nashville, TN, USA
6. **Recollection, familiarity, priming and the entorhinal cortex** A-0126
Kaz Brandt, Mike Eysenck, Maria Nielsen-Kragh, Tim von Oertzen
*University of Roehampton, London Wagner-Jauregg Neuroscience Centre, Kepler
Universitätsklinik, Linz, Austria*
7. **Perceptual similarity versus conceptual similarity: What drives children's false memories?** A-0503
Marina Wimmer, Julie Wheeler
University of Plymouth, UK
8. **The contribution of gist memory to false recognition in short-term memory** A-0067
Marlène Abadie, Valérie Camos
Université de Fribourg, Fribourg, Switzerland

ROOM 2

I041 AUTOBIOGRAPHICAL MEMORY I

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 2

Chair: Martin A. Conway

1. **Individual differences in autobiographical memory: Exploring the neural and behavioural correlates** A-0030
Signy Sheldon , Brian Levine
McGill University, Montreal, Canada, Baycrest Health Sciences, Toronto, Canada
2. **The bi-directional relationship between autobiographical memory and the self in depression.** A-0117
Lydia Grace, Rachel Anderson, Stephen Dewhurst
University of Hull, UK
3. **An autobiographical gateway: Mnemonic visual perspective and narcissistic versus genuine self-esteem** A-0251
Marta Marchlewska, Aleksandra Cichocka
Institute for Social Studies, University of Warsaw; School of Psychology, University of Kent
4. **Flashbulb and Event Memories for 9/11: Examining the Elderly in a 10-Year Longitudinal Study** A-0372
Robert Meksin, William Hirst
New School for Social Research, New York, USA
5. **Intentionally Fabricated Autobiographical Memories** A-0513
Lucy V. Justice, Catriona M. Morrison, Martin A. Conway
Nottingham Trent University, Nottingham, UK; University of Bradford, Bradford, UK; City University, London, UK
6. **Autobiographical Memory Specificity and Detail: Differential Associations with Adolescent Psychopathology across 3 Years** A-0578
Charlotte Gutenbrunner, Karen Salmon, Paul Jose
Victoria University of Wellington, Wellington, New Zealand
7. **The influence of selective discussion on children's autobiographical memory recall.** A-0582
Ruth Glynn, Karen Salmon, Jason Low
Victoria University of Wellington, Wellington, New Zealand

ROOM 2

S0053

WORKING MEMORY ACROSS THE LIFESPAN: THEORETICAL AND APPLIED PERSPECTIVES

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 2

Chair: Amanda Waterman

Working memory is crucial for completing a myriad of day-to-day tasks, and is a core construct underpinning human cognition. In this symposium we will explore both theoretical and applied issues related to working memory across the lifespan. We will discuss whether and how working memory improves through childhood and declines across adulthood, as well as presenting data that contributes to our understanding of the underlying components of working memory and how this relates to current models. Studies will be presented that investigate how working memory ability in childhood relates to core skills such as reading, and the ability to follow instructions. Work will also explore how attentional control mechanisms might contribute to children's visual working memory performance and the relationship with working memory capacity. Finally, the symposium will present studies looking at working memory training, both from an applied perspective in working with children and adults with traumatic brain injury, as well as investigating the underlying neurophysiological changes (using MEG) in children undergoing working memory training.

- 1. Not all of working memory declines in healthy ageing: evidence for self-organising multiple components** A-0797
Robert Logie
University of Edinburgh, UK
- 2. Do actions speak louder than words? Following instructions in working memory** A-0798
Amanda Waterman, Amy Atkinson, Sadia Aslam, Richard Allen
University of Leeds, UK
- 3. Visual working memory and attentional control in children and adults** A-0802
Richard Allen, Edward Berry, Amanda Waterman, Graham Hitch, Alan Baddeley
University of Leeds, UK; University of York, UK
- 4. Understanding working memory deficits in children with reading difficulties: Implications for remediation** A-0806
Joni Holmes, Sue Gathercole, Erica Bottacin, Sally Butterfield, Briony Westgate, Darren Dunning
MRC Cognition & Brain Sciences Unit, Cambridge, UK
- 5. Verbal working memory contributions to Greek children's reading abilities** A-0810
Elvira Masoura, Andreanna Christodoulou, Ioanna Papiggioti, Grigoris Kioseoglou
Aristotle University of Thessaloniki, Greece
- 6. Meta-Analysis of Working Memory Impairments in Survivors of Moderate-to-Severe Traumatic Brain Injury** A-0811
Darren Dunning, Briony Westgate, Anna Adlam
MRC Cognition & Brain Sciences Unit, Cambridge, UK; University of East Anglia, UK; University of Exeter, UK
- 7. Altering developing neurophysiology with working memory training** A-0813
Duncan Astle, Jessica Barnes, Kia Nobre, Kate Baker, Mark Woolrich
MRC Cognition & Brain Sciences Unit, Cambridge, UK; University of Oxford, UK; University of Cambridge, UK

ROOM 3

I091

PROSPECTIVE MEMORY

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 3

Chair: Jason L. Hicks

- 1. The curious case of Prospective Memory: A hierarchical measurement model of age differences** A-0007
Antonina Pereira, Victor Meirinhos, Nik Chmiel
University of Chichester
- 2. Differential effects of working memory components on time-based prospective memory in children** A-0399
Natalie Lynette Phillips, David Shum, Suncica Lah
The University of Sydney, Sydney, Australia; Griffith University, Gold Coast, Australia
- 3. Ecological prospective memory assessment in early Alzheimer's disease and semantic dementia: evidence from virtual reality** A-0933
Valentina La Corte, Valentine Facque, Maria Abram, Agnès Michon, Techimann Marc, Bruno Dubois, Pascale Piolino
Institute of Psychology, University Paris Descartes, Sorbonne Paris Cite, France INSERM UMR, Center of Psychiatry and Neurosciences, Memory and Cognition Laboratory, Paris, France University Institute of France, Paris, France Institut de la Mémoire et de la Maladie d'Alzheimer (IMA), Département de Neurologie, Hôpital Pitié-Salpêtrière, AP-HP, Paris, France Institut du Cerveau et de la Moelle Epinière (ICM), CNRS UMR - INSERM U Paris, France; Sorbonne Universités, Université Pierre et Marie Curie-Paris, Paris, France IDEX 'Dynamique du Vieillir', Sorbonne Paris Cité, Université Paris Diderot, France
- 4. Response Sequencing Effects on Prospective Memory Retrieval and on Commission Errors** A-0949
Jason L. Hicks, Samantha Spitler, Anna-Lisa Cohen
Louisiana State University, Baton Rouge, LA, USA; Yeshiva University, New York, NY, USA

S0022

EXCEPTIONAL MEMORY ABILITIES

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 3

Chair: Martin Dresler, Boris Konrad

Individuals differ in their memory abilities due to natural variation, pathological processes, or acquired expertise. Most studies on individual memory differences focus on impaired memory as seen e.g. in age-related decline. In recent years, however, also above-average memory abilities increasingly gain attention from psychologist and neuroscientists. In this symposium, different kinds of exceptional memory abilities will be overviewed, and recent advancements and new strategies for their research presented. The symposium will highlight behavioral, cognitive and neurobiological findings in the study of superior autobiographical memory; memory abilities in 'super aging' individuals over age 80; exceptional memory in individuals with synesthesia or savant syndrome, superior specialized memory of experts in the fields of chess or Bible recitation; and superior memory performance in competitive memory sports including the Chinese Super Brain project, leading participants of the annual World Memory Championships, crossword puzzle experts, and trivia champions.

ROOM 3

1. **Exceptional Autobiographical Memory** A-0357
James L. McGaugh
Department of Neurobiology and Behavior Center for the Neurobiology of Learning and Memory University of California, Irvine California, USA
2. **The SuperAging Study: Neurobiologic factors coupled with unusually high episodic memory over age 80** A-0279
Emily J Rogalski, Tamar Gefen, Amanda Cook, Eileen H Bigio, Emmaleigh Loyer, Sandra Weintraub, Changiz Geula, M.- Marsel Mesulam
Northwestern University Feinberg School of Medicine
3. **Enhanced and Exceptional Memory in Synaesthesia** A-0599
Jamie Ward
University of Sussex, UK
4. **Exceptional memory in chess** A-0558
Fernand Gobet
University of Liverpool, Liverpool, United Kingdom
5. **Memory and Savant Syndrome** A-0607
Julia Simner, James E. A. Hughes
University of Sussex, Brighton, UK
6. **Studies of exceptional memory in the China Super Brain project** A-1066
Weidong Li
Shanghai Jiao Tong University, China
7. **Varieties of Superior Memory Ability** A-0260
Henry L. Roediger III, David A. Balota, Kathleen B. McDermott, John F. Nestojko, Mary Pyc
Washington University in St. Louis; U.S.A. Dart NeuroScience; San Diego, CA
8. **Functional and structural brain reorganization in memory champions** A-0622
Nils Müller
Donders Institute for Brain, Cognition and Behaviour

ROOM 3

S0052

TEMPORALLY EXTENDED AUTOBIOGRAPHICAL MEMORY: LIFETIME PERIODS, EVENT CLUSTERS, AND LIFE CHAPTERS

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 3

Chair: *Dorthe Kirkegaard Thomsen*

Discussant: *Tilmann Habermas*

Most research in autobiographical memory focuses on specific memories, that is, memories for events located to a specific time and place and associated with episodic details. However, autobiographical memory also includes memory for temporally extended events, such as lifetime periods, events clusters, and chapters. What these memory types have in common is that they extended over longer time intervals and organize specific memories. In spite of being mentioned often by leading researchers, they have largely been ignored theoretically and empirically. We bring together a range of perspectives on temporally extended autobiographical memory. The presentations address a wide array of questions, among these: How are lifetime periods formed?; How does temporally extended autobiographical memory differ from specific memories in terms of content?; What can interviewing tell us about the organization of lifetime periods and specific memories?; Do individuals represent their personal future in terms of event clusters?; How is well-being related to the emotional valence of past and future chapters?; Does depression affect the way individuals use lifetime periods to access specific memories; How is the representational structure of lifetime periods related to clinical disorders? These talks highlight the large potential of an unexplored area of autobiographical memory and future projections.

- 1. Lifetime Periods: A Transition-Theory Perspective** A-0799
Norman Brown
University of Alberta
- 2. The Content and Organization of Specific, Recurring, and Temporally Extended Autobiographical Event Narratives** A-0801
Theodore E. A. Waters, Robyn Fivush
New York University – Abu Dhabi Emory University
- 3. Respondent Retrieval Strategies Inform the Structure of Autobiographical Knowledge** A-0803
Robert F. Belli
University of Nebraska--Lincoln
- 4. On the Organization of Episodic Future Thoughts in Event Clusters** A-0805
Arnaud D'Argembeau
University of Liège
- 5. Past and Future Life Story Chapters in Relation to Subjective Well-Being** A-0807
Dorthe Kirkegaard Thomsen, David B. Pillemer
Aarhus University University of New Hampshire
- 6. Understanding Autobiographical Fluency Deficits in Depression: Specific versus Categorical Retrieval** A-0809
Barbara Dritschel, Saima Noreen
University of St. Andrews Goldsmiths University
- 7. The Structure of Past and Future Lives in Depression and PTSD** A-0812
Tim Dalgleish, Caitlin Hitchcock, Georgina Smith, Aliza Werner-Seidler, Laura Jobson
Medical Research Council Cognition and Brain Sciences Unit Black Dog Institute Monash Institute of Cognitive and Clinical Neuroscience, Monash University

ROOM 4

I011 RETRIEVAL PROCESSES I

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 4

Chair: Yana Weinstein

1. **Testing effect on a university course: Studying repeated questioning and test format** A-0116
Pedro Simão Mendes, Pedro B. Albuquerque, Véronique Quaglino
Escola de Psicologia, Universidade do Minho, Braga, Portugal; Université de Picardie Jules Verne, Amiens, France
2. **Modification of Episodic Memories during Memory Reconsolidation: A Replication Study** A-0273
Kevin van Schie, Suzanne C. van Veen, Marcel A. van den Hout, Iris M. Engelhard
Utrecht University, Utrecht, the Netherlands
3. **What Triggers Memory Updating? Exploring the Impact of Reactivation Strength** A-0296
Iona D. Scully, Almut Hupbach
Lehigh University, Bethlehem, PA, USA
4. **Testing better than studying? Familiarity-based memory benefits from retrieval practice** A-0311
P.Y. Jonin, M. Duivon, G. Besson, S. Belliard, Q. Duché, C. Barillot, E.J. Barbeau
Centre de Recherche Cerveau et Cognition, CNRS, CerCo, UMR, Toulouse, France Inria, VISAGES Project-Team, Université de Rennes, INSERM, U, CNRS, IRISA, UMR 0, Rennes, France CHU Pontchaillou, Service de Neurologie, Rennes, France
5. **The role of rehearsal of task goals in interrupted task settings** A-0377
Laura Zeidler, Sophie Neef, Dietrich Manzey
Berlin Institute of Technology (TU), Department of Psychology and Ergonomics, Berlin, Germany
6. **Memory Retrieval: Explicit Access Based on Evidence Accumulation Model** A-0390
Christelle Larzabal, Nadège Bacon-Macé, Sophie Muratot, Simon J. Thorpe
Université de Toulouse, UPS, Centre de Recherche Cerveau et Cognition, France CNRS, CerCo, Toulouse, France
7. **The effect of retrieval practice on piano music memorization** A-0663
Yana Weinstein, Paula Telesco, Kelsey Gilbert, Sarah Lipitz
University of Massachusetts - Lowell; Brandeis University

ROOM 4

S0039

SOCIAL MEMORY AND GROUP SYNERGY: WHAT INDIVIDUALS BRING TO, DO IN AND GET OUT OF COLLABORATIVE MEMORY GROUPS

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 4

Chair: Amanda J. Barnier

Discussant: John Sutton

Social memory researchers strive to understand the products and processes, costs and benefits of joint remembering and the ways in which group synergy may arise. This symposium showcases research across a range of experimental paradigms that help answer questions of real-world remembering. Hirst uses his social shared retrieval-induced forgetting paradigm (SSRIF) to examine the importance of a “socially present” collaborator. Stone extends SSRIF to memory and decision making during jury deliberations. Gabbert uses the memory conformity paradigm to explore intimacy in joint remembering, comparing recall between friends or strangers. Coman constructs 6-member communities and asks them to repeatedly recall alone and together, modelling the propagation of health-related information. Choi uses the Collaborative Recall (CR) paradigm to similarly map transmission of memory across networks, focusing especially on sharing of emotional memories. Browning also uses CR, extending it to prospective memory. Like Gabbert she finds different results for intimate versus nonintimate groups. Barnier too uses CR but looks “below” group results to track what individual members bring to, do in and get out of their memory groups. Finally, philosopher Sutton discusses themes and implications of this symposium, especially in light of the distributed cognition view of social memory.

1. **Selective forgetting following selective remembering: The role of communicators’ social presence** A-0364
William Hirst, Martin Fagin
New School for Social Research, New York, USA
2. **The mnemonic and decision-making consequences of selective retrieval during jury deliberations** A-0365
Charles B. Stone, William Hirst, Robert Meksin
The City University of New York, New York, USA, New School for Social Research, New York, USA
3. **Memory conformity: Evidence for differential processing of information dependent on source** A-0366
Fiona Gabbert, Alessandra Caso, Diego Nardi
Goldsmiths University of London, London, England
4. **Risk perception affects mnemonic convergence in small groups of interacting individuals** A-0367
Alin Coman, Ajua Duker
Princeton University, New Jersey, USA
5. **Social transmission of emotional memories** A-0369
Hae-Yoon Choi, Elizabeth A. Kensinger, Suparna Rajaram
Stony Brook University, New York, USA, Boston College, Massachusetts, USA

ROOM 4

6. **Collaborative prospective memory in strangers and couples: Identifying successful collaborative processes** A-0370
Catherine Browning, Celia Harris, Amanda Barnier, Peter Rendell
Macquarie University, New South Wales, Australia, Australian Catholic University, Australian Capital Territory, Australia
7. **More than the sum of their parts: What individuals bring to group memory** A-0371
Amanda J. Barnier, Celia Harris, Thomas Morris, Gregory Savage
Macquarie University, New South Wales, Australia

S0061

MEMORY, AWARENESS AND METACOGNITION

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 4

Chair: Daniel C. Mograbi

Discussant: Robin G. Morris

The current symposium explores the relationship between memory function, metacognition and awareness of condition in patients with Alzheimer's disease, Mild Cognitive Impairment and amnesia. Novel experimental approaches investigating these topics are described, with methodological, theoretical and clinical implications explored in each presentation. The findings will be summarised by the discussant, Prof. Robin G. Morris, and discussed in relation to selfhood in patients with memory impairments.

1. **Postretrieval overconfidence and anosognosia in patients with Alzheimer's disease (AD)** A-1038
Sarah Genon, Marlène Mélon, Eric Salmon, Fabienne Collette
Faculty of Psychology and Educational Sciences, University of Liege Jülich Research Centre (Germany) Psychological Sciences Research Institute, University Catholic of Louvain GIGA-CRC in vivo imaging, University of Liege
2. **Metacognition and mood congruent recollection in Alzheimer's disease** A-1039
Daniel C. Mograbi, Elodie Bertrand, J. Landeira-Fernandez, Robin G. Morris
PUC-Rio; IoPP&N, King's College London
3. **Judgment of retrieval failure in Alzheimer's disease** A-1040
Julie Bertrand, Chris Moulin, Olivier Rouaud, Sophie Guillemain, Celine Souchay, Yannick Béjot
Unité de recherche EA, Centre d'épidémiologie de populations et de santé publique de Bourgogne (CEP) Laboratoire de Psychologie et NeuroCognition, LPNC UMR CNRS 0, Université de Grenoble Alpes Centre Mémoire Ressources et Recherche (CMRR), Hôpital François Mitterrand, Dijon
4. **Cognitive stimulation for memory and executive functions in people with Mild Cognitive Impairment** A-1041
Valentina Moro
Università degli Studi di Verona

ROOM 4

5. **Anosognosia for amnesia and misleading memory traces** A-1042
Gianna Cocchini, Silvia Chapman
Goldsmiths University of London

6. **Selfhood, memory and awareness in dementia** A-1044
Robin Morris, Daniel Mograbi
IoPP&N, King's College London PUC-Rio

ROOM 5

S0062

WHAT MUSICAL MEMORIES CAN TELL US ABOUT AUTOBIOGRAPHICAL MEMORY

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 5

Chair: Catherine Loveday, Trudi Edginton

Discussant: Martin A. Conway

Music is a unique and fundamental human activity, which has the power to evoke strong emotional memories. Recently there has been a surge of interest in the capacity that music has to stimulate autobiographical memory, but as yet there are very few group studies that systematically investigate this. In addition to being a potential tool for reminiscence and therapy, music also offers an interesting and accessible way of investigating a variety of memory processes in both typical and memory-impaired individuals. For example, the reminiscence bump is a well-established phenomenon, whereby individuals have preferential memory for events in adolescence and early adulthood. Throughout this symposium we will show that this phenomenon is very robust for music but also that it peaks at an earlier age than for most other stimuli and events. We will also present research that evaluates the nature of music-induced autobiographical memories as well revealing other factors that influence which pieces of music are most likely to be recalled and why. Most importantly we will consider how this research contributes to theoretical models of autobiographical memory, and why it is relevant for supporting individuals with memory impairments.

- 1. Autobiographical memory retrieval is influenced by the age and emotionality of background music** A-0997
Chris J.A. Moulin, Noelene Connelly
LPNC CNRS 0, Université Grenoble Alpes, France; Institute of Psychological Sciences, University of Leeds, UK
- 2. The reminiscence bump for musical memories in musicians and non-musicians** A-0998
Catherine Loveday, Martin A. Conway
University of Westminster, London, UK; City University, London, UK
- 3. Memories of The Beatles** A-0999
Catriona M. Morrison, Martin A. Conway
University of Bradford, UK; City University, London, UK
- 4. Which songs would you take to a desert island? A naturalistic investigation of music and memory** A-1000
Amy Woy, Catherine Loveday, Martin A. Conway
University of Westminster, London, UK; City University, London, UK
- 5. Two mechanisms of music-associated autobiographical memories** A-1001
Carol Lynne Krumvansl
Cornell University, New York, USA
- 6. Is there a musical reminiscence bump in people with memory impairments?** A-1002
Trudi Edginton, Catherine Loveday, Alison Eardley, Martin A. Conway
University of Westminster, London, UK; City University, London, UK

ROOM 5

I081 WORKING MEMORY I

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 5

Chair: Richard Allen

1. **Large capacity temporary memory and interference** A-0017
Ansgar Endress
City University London, UK
2. **the effects of refreshing opportunities and cognitive load on episodic memory and working memory** A-0072
Anne-Laure Oftinger, Vanessa Loaiza, Valerie Camos
University of Fribourg, Switzerland; University of Essex, UK
3. **Current and future predictors of mathematics ability: The effect of time-constraints in working memory span tasks.** A-0112
Rebecca A Gordon, James H Smith-Spark, Elizabeth J Newton, Lucy A Henry
London South Bank University; City university London
4. **Boosting maintenance in working memory with temporal regularities** A-0124
Lison Fanuel, Yohana Lévêque, Gaëlle Piquandet, Barbara Tillmann, Gaën Plancher
Cognitive Mechanisms Research Laboratory, Lyon University, F-, Bron, France CNRS, UMR; INSERM, U0; Lyon Neuroscience Research Center, Auditory Cognition and Psychoacoustics team, Lyon, France University Lyon, Lyon, France
5. **Cross-Modal Working Memory Binding and L1-L2 Word Learning** A-0132
Shinmin Wang, Richard J. Allen, Ping Li
National Taiwan Normal University, Taipei, Taiwan University of Leeds, Leeds, UK Pennsylvania State University, University Park, USA
6. **Staying focused in visual working memory** A-0157
Richard Allen, Amy Atkinson, Taiji Ueno, Alan Baddeley, Graham Hitch
University of Leeds, UK, Nagoya University, Japan, University of York, UK
7. **Evidence for an independent olfactory working memory that is not reliant on verbal or visual recoding.** A-0309
Andrew Moss, Andrew Johnson, Jane Elsley, Christopher Miles
Bournemouth University
8. **Working Memory Updating and the Removal of Outdated Information** A-0406
Ullrich Ecker, Klaus Oberauer, Stephan Lewandowsky, Kris Singh, Gilles Gignac
University of Western Australia; University of Zurich; University of Bristol

ROOM 5

I131 FACE MEMORY – EYEWITNESS I

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 5

Chair: Catriona Morrison

1. **Inconsistencies Across Repeated Eyewitness Interviews: Subtle Pressure Can Make Witnesses Change Their Memory Reports** A-0051
Linda Henkel
Fairfield University, Fairfield, CT, United States
2. **Level of detail and beliefs about memory predict credibility judgments about delayed allegations of sexual assault.** A-0231
James Ost, Danielle Evans, Alexander Price
University of Portsmouth, Portsmouth, UK
3. **Combining elements of the sequential and simultaneous line-ups: the hybrid lineup.** A-0276
Timothy J Hollins, Nathan Weber
Plymouth University, Plymouth, UK; Flinders University, Adelaide, Australia
4. **Priming and ERP repetition effects suggest a Bruce & Young-like recognition model for brands** A-0487
Stephan G. Boehm, Catherine Atherton
Bangor University, Bangor, UK
5. **The role of prior knowledge in associative learning over multiple repetitions** A-0653
Oded Bein, Maayan Trzewik, Niv Reggev, Anat Maril
Psychology Department, New York University, New York, USA; Psychology Department, The Hebrew University of Jerusalem, Jerusalem, Israel; Cognitive Science Department, The Hebrew University of Jerusalem, Jerusalem, Israel
6. **Can memory be distorted through lying** A-0002
Catriona Morrison, Rose Wastling
Heriot-Watt University, University of Leeds

ROOM 6

S0010

THE IMPACT OF CULTURE, AGE, AND PSYCHOPATHOLOGY ON AUTOBIOGRAPHICAL MEMORIES AND LIFE STORIES

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 6

Chair: Christin Köber

Discussant: Norman Brown

The life story is a key aspect of identity as it integrates autobiographical memories with a biographical view of the self. Life narratives are the most complete linguistic manifestation of the life story. They inherently display diverse contexts, trajectories, and influences relevant for identity development. Therefore this symposium investigates socio-cultural, developmental, and psychopathological variations of life narratives and of the autobiographical memories they comprise. It also contributes new insights in the importance of normative transitional life events and of the life script in different samples. The symposium shows how socio-cultural context shapes life narratives in Turkish and German students (Habermas & Hatiboğlu) and how life narratives stabilize and change throughout the lifespan (Köber & Habermas). The developmental and normative aspects of life narratives are expanded by the third study (Grysmann & Dimakis) relating the life script to late adulthood and well-being. The symposium then turns to psychopathological variations of past and future life stories of youths with anxiety disorder (Ramsgaard & Bohn) and of adults with schizophrenia (Allé et al.) to conclude with an investigation of aging effects on late adults' traumatic memories (Berna et al.). Norman Brown will discuss the presented results in terms of Transition Theory.

- 1. Cultural differences in life narrative coherence and autobiographical reasoning** A-1015
Tilman Habermas, Neşe Hatiboğlu
Goethe University Frankfurt, Germany
- 2. Adapting Life: Stability and Reasons for Change of Important Autobiographical Memories and Life Narratives** A-1016
Christin Köber, Tilman Habermas
Goethe University Frankfurt, Germany
- 3. Cultural Life Script of Later Adulthood** A-1017
Azriel Grysmann, Sarah Dimakis
Hamilton College, Clinton, NY, USA
- 4. Past and future life stories in youths with anxiety disorders and community controls** A-1018
Stine Breum Ramsgaard, Annette Bohn
Center on Autobiographical Memory Research, Department of Psychology and Behavioral Sciences, Aarhus University, Denmark
- 5. Self-continuity across time in schizophrenia** A-1019
Mélissa C. Allé, Arnaud D'Argembeau, Priscille Schneider, Jevita Potheegadoo, Romain Coutelle, Jean-Marie Danion, Fabrice Berna
University Hospital of Strasbourg, INSERM U, University of Strasbourg, France Department of Psychology, University of Liège, Belgium Centre Psychothérapique de Nancy, Centre de Ressources Autisme de Lorraine, France

ROOM 6

6. **Impact of childhood trauma and PTSD on autobiographical memory of elderly adults and their offspring** A-1020

Fabrice Berna, Lena Jelinek, Birgit Kleim, Christoph Muhtz, Steffen Moritz, Charlotte Wittekind

University Hospital of Strasbourg, INSERM U, University of Strasbourg, France University Medical Center Hamburg-Eppendorf, Department of Psychiatry and Psychotherapy, Hamburg, Germany Department of Clinical Psychology and Psychotherapy, University of Zürich, Zürich, Switzerland

S0007

EYEWITNESS IDENTIFICATION: CONFIDENCE, ACCURACY, AND JUSTIFICATIONS

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 6

Chair: Chad Dodson

From guiding police investigations to influencing jury decision-making, an eyewitness's identification of a suspect from a lineup plays a fundamental role in multiple elements of the justice system. This symposium will address several questions of paramount importance. First, to what extent is an eyewitness's level of confidence a reliable predictor of identification accuracy? Second, does the accuracy of an identification depend on whether lineups are presented simultaneously, sequentially or as a mixture of these formats? Third, eyewitnesses receive instructions about whether or not the suspect is present in the lineup. Do these instructions influence the accuracy of an identification? Fourth, what is the appropriate way of measuring the separate contributions of discriminability and response bias to lineup identifications? Fifth, suspects occasionally have a distinctive feature, such as a scar, which can hinder police's ability to construct a fair lineup. What is the optimal procedure for constructing fair lineups for distinctive suspects? Finally, although jurors are heavily swayed by confident eyewitnesses, less is known about the influence of how eyewitnesses justify their level of confidence. The last two talks examine the influence of an eyewitness's justification on juror's perceptions of the eyewitness's accuracy, witnessing conditions and judgments about the suspect's guilt.

1. **Eyewitnesses: Not So Unreliable After All** A-0091
Laura Mickes, Steven E. Clark, Scott D. Gronlund, Henry L. Roediger III, John H. Wixted
Royal Holloway, University of London; University of California, Riverside; University of Oklahoma; Washington University; University of California, San Diego
2. **UK Lineups Should be Simultaneously Presented** A-0092
Stacy A. Wetmore, Heather D. Flowe, John T. Wixted ; Laura Mickes
Royal Holloway, University of London; University of Loughborough; University of California, San Diego
3. **An ROC analysis of neutral and biased lineup instructions in the discrimination of suspects** A-0093
Yonatan Goshen-Gottstein, Liat Groner
Tel Aviv University
4. **Estimating discriminability in lineup tasks** A-0094
Ruth Horry
Swansea University

ROOM 6

5. **Enhancing identification performance in lineups for distinctive suspects** A-0095
Melissa F. Colloff, Kimberley A. Wade
University of Warwick
6. **Judging Guilt and Accuracy: Confident Eyewitnesses are Discounted When They Provide Featural Justifications** A-0097
Chad S. Dodson
University of Virginia

I072 RECOGNITION II

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 6

Chair: Helen L. Williams

1. **Effects of confidence undermining for true and false memories** A-0301
Ainat Pansky, Liana Tkatch, Liad Ruimi
University of Haifa, Haifa, Israel
2. **Know Versus Familiar in the Remember-Know paradigm** A-0302
Helen L. Williams, D. Stephen Lindsay
Keele University, UK University of Victoria, Canada
3. **Correcting misinformation – An investigation into backfire effects** A-0408
Ullrich Ecker, Briony Swire, Stephan Lewandowsky
University of Western Australia; University of Bristol
4. **Stimulus Position in Your Vision Biases Recognition Memory** A-0528
Kiyofumi Miyoshi, Hiroshi Ashida
Kyoto University, Kyoto, Japan
5. **Manipulating Response Bias in Recognition Memory: The Case of Implied Base Rates** A-0796
Arndt Bröder, Simone Malejka
University of Mannheim
6. **Developing novel techniques for investigating recognition memory confidence.** A-0765
J. A. Urquhart, A.R. O'Connor
University of St Andrews, UK
7. **A linear likelihood approximation that captures the regularities of recognition memory.** A-0572
Andrew Heathcote, Adam Osth, Simon Dennis
University of Tasmania, Australia; University of Newcastle, Australia
8. **Attention, cognitive control, and recognition memory: Three perceptual desirable difficulties?** A-0954
Tamara Rosner, Maria D'Angelo, Ellen MacLellan, Hanae Davis, Bruce Milliken
McMaster University; University of Waterloo; Rotman Research Institute at Baycrest

ROOM 7

S0001

ADAPTATION AND PREDICTION IN SENSORY MEMORY

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 7

Chair: István Czigler, István Winkler

Extracting regular features from event sequences is essential for adaptive behavior. Perceptual theories emphasizing the role of predictive processing suggest that representation of environment is inherently oriented towards the future. In neuroscience, the predictive coding theory suggests that the brain operates in terms of a hierarchy of representations (models), which are continuously adjusted to best predict the sensory input. However, much less is known about how predictive representations are formed.

Decreased activity to stimulus repetition can be recorded by various methods, including single cell recording from cortical and subcortical structures, large-scale brain electromagnetic activity, hemoglobin oxygenation (fMRI), autonomic activity, and behavior. Whereas in some fields of neuroscience this phenomenon (stimulus-specific adaptation; SSA) is regarded as an index of memory acquisition, in other fields it is dismissed as a low-level physiological phenomenon without functional significance.

We present data showing that SSA is an index of forming implicit memory representation of environmental regularities. Environmental events violating the predictions drawn from these representations elicit error signals, such as the auditory and visual mismatch negativity event-related potential (MMN). The symposium will explore the notion of connecting SSA and predictive memory representations. Links between SSA and other forms of implicit learning will also be discussed.

- 1. Predictive sound representations: beyond transitional probabilities** A-0294
Juanita Todd, Daniel Mullens, Andrew Heathcote, István Winkler
School of Psychology, University of Newcastle, Australia; School of Medicine, University of Tasmania, Australia; Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Institute of Psychology, University of Szeged, Hungary
- 2. Stimulus repetition effects: one mechanism or more?** A-0378
Gyula Kovács, Catarina Amado
Inst. Psychology, Friedrich Schiller University, Jena, Germany
- 3. Violation of regularity and/or stimulus specific adaptation in vision** A-0431
István Czigler, Flóra Bodnár, Domonkos File, Krisztina Kecskés-Kovács, István Sulykos
Institute of Cognitive Neuroscience and Psychology, Centre for Natural Resesach, HAS, Budapest and Eötvös Loránd University, Budapest
- 4. Auditory scene analysis: patterns of things to come?** A-0741
Susan L Denham, Orsolya Szalárdy, Robert W. Mill, István Winkler
School of Psychology, University of Plymouth, Plymouth, UK Cognition Institute, University of Plymouth, Plymouth, UK Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Institute of Psychology, University of Szeged, Hungary
- 5. Adaptation as the mechanism of temporal binding, prediction, and sensory memory in auditory cortex** A-0953
Patrick J. C. May
Special Laboratory Non-Invasive Brain Imaging, Leibniz Institute for Neurobiology, Magdeburg, Germany

ROOM 7

6. **Repetition suppression and repetition enhancement of ERPs to unattended objects** A-0984
Gabor Stefanics, Jakob Heinzle, Justin Chumbley, Klaas Enno Stephan
Translational Neuromodeling Unit (TNU), Institute for Biomedical Engineering, University of Zurich & ETH Zurich, Switzerland Laboratory for Social and Neural Systems Research, Department of Economics, University of Zurich, Switzerland
7. **What omissions of expected sounds can tell us about the brains predictive processing** A-0284
Erich Schröger, Iria SanMiguel
Leipzig University, Germany; University of Barcelona, Spain

S0041

WHY DO SONGS GET STUCK IN OUR MIND? FINDINGS FROM RESEARCH ON INVOLUNTARY MUSICAL IMAGERY

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 7

Chair: Lia Kvavilashvili

Discussant: Lauren Stewart

The research into spontaneous mental phenomena such as mind-wandering, involuntary autobiographical memories, or intrusive thoughts and traumatic flashbacks, has been growing rapidly over the past couple of decades. In contrast, relatively little is known about a ubiquitous everyday experience of a song or tune coming to mind unexpectedly and repeating itself over and over again without any deliberate attempt or a wish to do so. It is only in the past few years that Involuntary Musical Imagery (INMI) or 'earworms' has become a focus of systematic empirical investigation.

The aim of this symposium is to bring together experts of research on INMI and involuntary cognitive phenomena to discuss the latest developments in this newly emerging field, identify gaps in current research and outline future directions. Numerous empirical studies, covering a range of methodological tools in and outside the laboratory, will be presented and the nature and frequency of INMI and its relation to other involuntary phenomena, as well as potential brain mechanisms will be examined.

1. **Involuntary Musical Memories: What can we learn about spontaneous cognition from them?** A-0340
Georgia Floridou, Vicky Williamson, Lauren Stewart, Daniel Müllensiefen
Goldsmiths, University of London, UK; University of Sheffield, UK
2. **The precision and consistency of involuntary musical memories** A-0342
Kelly Jakubowski, Nicolas Farrugia, Andrea Halpern, Lauren Stewart
Goldsmiths, University of London, UK; Institut Mines-Telecom, CNRS Lab-STICC, France; Bucknell University, US
3. **The role of cues and prior exposure in the occurrence of musical mind-pops** A-0343
Lia Kvavilashvili, Susan Anthony
University of Hertfordshire, Hatfield, UK

ROOM 7

4. **Involuntary recall of instrumental film music - does emotion matter?** A-0344
Ella Moeck, Melanie K. T. Takarangi, Ira E. Hyman Jr.
Flinders University, Adelaide, Australia; Western Washington University, US
5. **Neural correlates of involuntary musical imagery using structural and resting-state MRI** A-0345
Nicolas Farrugia, Jonathan Smallwood, Rhodri Cusack, Lauren Stewart
Institut Mines-Telecom, CNRS Lab-STICC, France; University of York, UK; Brain and Mind Institute, London Ontario, Canada; Goldsmiths, University of London, UK
6. **Musical hallucinations and imagery after playing video games: Insights from research on Game Transfer Phenomena** A-1064
Angelica Ortiz de Gortari
Nottingham Trent University, UK; University of Hertfordshire, UK

I141

EMOTION AND MEMORY II

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 7

Chair: Adam R. Congleton

1. **Investigating the Influence of Emotion on Event Memory Using a Virtual Event Paradigm** A-0212
Adam R. Congleton, Dorthe Berntsen
Center on Autobiographical Memory Research (CON AMORE), Aarhus University, Denmark
2. **Wolf in sheep's clothing or wolf in wolf's clothing? Effects of emotional congruency and basic emotions on associative memory in communicative context – fMRI study.** A-0280
Monika Riegel, Marek Wypych, Małgorzata Wierzba, Michał Szczepanik, Katarzyna Jednoróg, Patrik Vuilleumier, Artur Marchewka
Laboratory of Brain Imaging, Neurobiology Centre, Nencki Institute of Experimental Biology of Polish Academy of Sciences, Pasteur Str, 0-0 Warsaw, Poland Laboratory of Psychophysiology, Department of Neurophysiology, Nencki Institute of Experimental Biology of Polish Academy of Sciences, Pasteur Str, 0-0 Warsaw, Poland Swiss Centre for Affective Sciences, University of Geneva, CH- Geneva, Switzerland Laboratory for Neurology and Imaging of Cognition, Department of Neurosciences and Clinic of Neurology, University Medical Centre, CH- Geneva, Switzerland
3. **On the influence of disgust and fear on long-term memory – fMRI study using Nencki Affective Word List (NAWL).** A-0281
Monika Riegel, Małgorzata Wierzba, Marek Wypych, Katarzyna Jednoróg, Anna Grabowska, Artur Marchewka
Laboratory of Brain Imaging, Neurobiology Centre, Nencki Institute of Experimental Biology of Polish Academy of Sciences, Pasteur Str, 0-0 Warsaw, Poland Laboratory of Psychophysiology, Department of Neurophysiology, Nencki Institute of Experimental Biology of Polish Academy of Sciences, Pasteur Str, 0-0 Warsaw, Poland

ROOM 7

4. **The boundary restriction effect: disentangling arousal and valence.** A-0368
Deanne Green, Melanie Takarangi, Jessica Wilcock
Flinders University
5. **Memory amplification for traumatic experiences: Can improving source-monitoring ability eliminate source-monitoring errors due to post-event information?** A-0401
Sasha Nahleen, Melanie Takarangi, Deryn Strange, Reg Nixon
Flinders University, Australia; John Jay College of Criminal Justice, CUNY, USA
6. **Vivid Imagery Prevents Closure: Distinct Roles of Emotionality and Reliving** A-0565
Sezin Öner, Sami Gülgöz
Koç University, Istanbul, Turkey
7. **The Nature and Prevalence of Involuntary Cognitions about Traumatic Experiences** A-0581
Jacinta Oulton, Melanie Takarangi
Flinders University, Adelaide, Australia

ROOM 8

S0005

BUILDING SEMANTIC KNOWLEDGE: FAST MAPPING AND SLOW ASSIMILATION

MONDAY, 18 JULY 2016 | 09:30-11:30 | ROOM 8

Chair: Marc N. Coutanche, Sharon L. Thompson-Schill

Discussant: Sharon L. Thompson-Schill

We are rarely explicitly taught new words. Instead, we extract new words and concepts from our environment. Over the last five years, neuropsychological patients, neuroimaging studies and behavioral experiments have suggested that fast mapping—a learning paradigm based on how young children rapidly build vocabularies—may bypass the hippocampus and incorporate new information into cortical networks. In this symposium, researchers of this exciting phenomenon and the principles of memory consolidation will present work that sheds light on its neural basis and characteristics. First, we consider the complementary learning systems believed to underlie typical word learning. Next, we will hear how the neural substrates underlying fast mapping might differ from more explicit learning approaches. We then consider the behavioral consequences of employing a unique neural pathway, by examining how fast mapping differs in its susceptibility to interference and the role of attention. Finally, we will hear about recent findings in the field that inspired the fast mapping paradigm: developmental psychology. Presenting results from such diverse methods together for the first time, this symposium seeks to generate new ideas and perspectives on this phenomenon, and on general principles of learning and memory consolidation.

1. **Word learning, fast and slow: A complementary systems account** A-0052
M. Gareth Gaskell
University of York, UK
2. **Can neocortical plasticity support new semantic learning independently of the hippocampus?** A-0033
Asaf Gilboa
The Rotman Research Institute at Baycrest, Toronto, ON, Canada; Department of Psychology, University of Toronto, ON, Canada; Canadian Partnership for Stroke Recovery, Canada.
3. **Do memory representations gained via Fast-Mapping undergo changes in time?** A-0048
Maayan Merhav
German Center for Neurodegenerative Diseases (DZNE), Magdeburg, Germany
4. **Exploring the nature of fast mapped knowledge through divided attention** A-0078
Marc N. Coutanche, Marvin M. Chun
University of Pittsburgh, Pittsburgh, Pennsylvania; Yale University, New Haven, Connecticut
5. **Cortical and hippocampal signatures of memory formation in very young children** A-0054
Rebecca Gomez, Katharine Newman-Smith
The University of Arizona

ROOM 8

**I051
COLLECTIVE MEMORY/SOCIAL I**

MONDAY, 18 JULY 2016 | 13:00-15:00 | ROOM 8

Chair: Robert A. Nash

1. **It must be my favorite brand: Using retroactive brand replacements in doctored photographs to influence brand preferences** A-0031
Maria V. Hellenthal, Mark L. Howe, Lauren M. Knott
City University London, UK
2. **Public attitudes on the ethics of planting false memories to motivate healthy behavior** A-0074
Robert A. Nash, Shari R. Berkowitz, Simon Roche
Aston University, Birmingham, UK; California State University Dominguez Hills, Los Angeles, USA; University of Surrey, Guildford, UK
3. **Narrative Memory and Architectural Design. Memory projection processes** A-0150
Jorge Antonio Villanueva Uribe
Universidad Nacional Autónoma de México, Ciudad de México, México
4. **"A Colonial Vacation": Mémoires du Congo at the Royal Museum for Central Africa** A-0152
Jenny Folsom
University of Massachusetts, Amherst, USA
5. **Gender oriented research in Slovak villages based on oral history interviews** A-0379
Petra Chovancová
Faculty of Arts, Comenius University in Bratislava, Slovakia
6. **The communicative function of episodic recollection** A-0410
Johannes Mahr, Gergely Csibra
Cognitive Development Center, Central European University, Budapest, Hungary
7. **Information presentation format moderates the unconscious-thought effect: a conjoint recognition study** A-0059
Marlène Abadie, Laurent Waroquier, Patrice Terrier
Université de Fribourg, Fribourg, Switzerland; Université Blaise Pascal Clermont-Ferrand, Clermont-Ferrand, France; Université de Toulouse Jean Jaurès, Toulouse, France

ROOM 8

S0006

NOVEL APPROACHES TO INVESTIGATING THE NEURAL COMPUTATIONS UNDERLYING MEMORY-GUIDED DECISION MAKING

MONDAY, 18 JULY 2016 | 15:30-17:30 | ROOM 8

Chair: Raphael Kaplan

Discussant: Christian Doeller

Goal-directed exploration of both real and mental space is thought to use the same internal hippocampal-based model influenced by exploration of the physical world. Mental exploration of previously learned representations could help the brain infer – and quickly simulate – the outcomes of upcoming decisions. Here, we will present research inspired by rodent spatial navigation and perceptual decision-making in non-human primates that interrogates the influence of past experience and role of mental simulation during human decision-making. This symposium will bring together researchers investigating neural computations that potentially underpin both mnemonic and decision processes.

- 1. The Hippocampus as a Cognitive Map for Model-Based Planning** A-0040
Oliver Vikbladh, Neil Burgess, Orrin Devinsky, Nathaniel Daw
Center for Neural Science, New York University UCL Institute of Cognitive Neuroscience, University College London Department of Neurology, New York University Princeton Neuroscience Institute, Princeton University
- 2. A map of abstract relational knowledge in human entorhinal cortex** A-0041
Mona M Garvert, Raymond J Dolan, Timothy EJ Behrens
University College London Max Planck-UCL Centre for Computational Psychiatry and Ageing Research University of Oxford
- 3. Ventromedial prefrontal cortex lesions impair mnemonic valuation and memory selection** A-0043
Melissa Hebscher, Asaf Gilboa
Rotman Research Institute at Baycrest; University of Toronto
- 4. Human prefrontal representations reflect established and simulated mental state spaces.** A-0045
Nicolas Schuck, Yael Niv, Robert Gaschler, Carlo Reverberi
Princeton University Universität Hagen Università Milano - Bicocca
- 5. Relating rapid mental simulation to past experience** A-0046
Raphael Kaplan, John King, Raphael Koster, Mohit H Adhikari, Rikkert Hindriks, Yusuke Murayama, William J Penny, Dante Mantini, Neil Burgess, Nikos K Logothetis, Gustavo Deco, Karl J Friston
University College London; Universitat Pompeu Fabra, Barcelona, Spain; Max Planck Institute for Biological Cybernetics, Tubingen, Germany; ETH Zurich; KU Leuven
- 6. Mechanisms of memory storage and recall in humans** A-0047
Helen Barron, Tim Vogels, Uzay Emir, Timothy Behrens
Centre for Neural Circuits and Behaviour, University of Oxford, Oxford, UK; The Oxford Centre for Functional Magnetic Resonance Imaging of the Brain, University of Oxford, Oxford, UK

**P1
POSTER SESSION I****MONDAY, 18 JULY 2016 | 11:30-13:00 | ROOM: AULA**

1. **What drives the delay advantage for emotional false memories?** A-0006
Samantha Wilkinson, Lauren Knott, Mark L. Howe
City University London, UK
2. **Where did I see that? Age differences in source memory and response bias contribute to differential retrieval of previously irrelevant information** A-0009
Emma V. Ward
Middlesex University, London
3. **Do quantitative and qualitative measures of visual working memory capacity predict intelligence in 7-11 year old children?** A-0010
Laura Jenkins, Colin Hamilton
Northumbria University, Newcastle-upon-Tyne, UK
4. **ERP correlates of visual short memory quantitative and qualitative change detection performance** A-0011
Laura Jenkins, Jahnese Hamilton, Angela Papazian, Libby Orme, Colin Hamilton
Northumbria University, Newcastle-upon-Tyne, UK
5. **Talking about the personal past versus future in everyday life: A naturalistic observation study** A-0013
Burcu Demiray Batur, Mike Martin
University of Zurich Psychology Department Zurich, Switzerland
6. **Feedback processing during emotional learning is controlled by cardiac cycle, interoceptive accuracy and extraversion** A-0015
Gaby Pfeifer, Sarah Garfinkel, Cassandra Gould, Hugo D. Critchley
Clinical Imaging Sciences Centre, Brighton and Sussex Medical School, Brighton, UK Sackler Centre for Consciousness Science, University of Sussex, Brighton, UK
7. **Aging and synaesthesia provide a window into the functions of sensory and higher cortical areas in working memory** A-0016
Gaby Pfeifer, Jamie Ward, Dennis Chan, Natasha Sigala
Clinical Imaging Sciences Centre, Brighton and Sussex Medical School, University of Sussex Sackler Centre for Consciousness Science, University of Sussex School of Psychology, University of Sussex Department of Neurosciences, University of Cambridge
8. **Highly exclusive: The unique nature of unitised associations** A-0018
Roni Tibon, Richard Henson
MRC Cognition and Brain Sciences Unit, Cambridge, UK

9. **Adaptive Mind-Wandering –Thought-Reports Indicate Efficient Rehearsal Strategies in an Interrupted Recall Paradigm** A-0029
Lena Steindorf, Jan Rummel
Department of Psychology, Heidelberg University, Heidelberg, Germany
10. **Retrosplenial cortex represents permanence and reliability beyond the spatial domain** A-0036
Stephen D. Auger, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK
11. **Spatial-constructive but not semantic-associative scene processing engages the hippocampus** A-0037
Cornelia McCormick, Peter Zeidman, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK
12. **The effect of physical exercise on memory, a NIRS study** A-0038
Blanca Marin Bosch, Aurélien Bringard, Guido Ferretti, Sophie Schwartz, Kinga Igloi
Department of Neuroscience, Faculty of Medicine, University of Geneva, Switzerland; Swiss Center for Affective Sciences, University of Geneva, Switzerland; Geneva Neuroscience Center, University of Geneva, Switzerland
13. **3D space representation in the human brain** A-0042
Misun Kim, Kate J. Jeffery, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK; Institute of Behavioural Neuroscience, University College London, London, UK
14. **Does age-relate proactive-interference impair navigation?** A-0049
Maayan Merhav, Thomas Wolbers.
German Center for Neurodegenerative Diseases (DZNE), Magdeburg, Germany
15. **Verbal memory and the hippocampus: The role of scenes** A-0050
Ian A. Clark, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK
16. **Remembering to Help: Implicitly Priming a Helping Goal Improves Prospective Memory Performance that Benefits Others** A-0053
Suzanna L. Penningroth, Tesalee K. Sensibaugh, Angel Muñoz Gómez Andrade, Walter D. Scott
University of Wyoming, Laramie, USA
17. **Interactive Influence of Biased Retrieval and Retrieval Fluency on Eyewitness Memory Judgments** A-0060
Rona Sheaffer, Morris Goldsmith, Ainat Pansky
University of Haifa, Israel
18. **Implicit and explicit attitudinal consequences of false autobiographical memories and beliefs** A-0061
David Howe, Steve Dewhurst, Rachel Anderson
University of Hull, UK

19. **Improving Prospective Thinking in Depression: The Effect of Positive Simulations on Positive and Negative Future Event Appraisals** A-0063
Jennifer Boland, Rachel Anderson, Kevin Riggs
University of Hull
20. **The time course of autobiographical memory consolidation** A-0065
Daniel N. Barry, Martin J. Chadwick, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK; Institute of Behavioural Neuroscience, University College London, London, UK
21. **Using the environment to support working memory performance** A-0068
Ed Berry, Richard Allen, Mark Mon-Williams, Amanda Waterman
University of Leeds, Leeds, UK
22. **Comparing scene construction and associative processing in the hippocampus** A-0069
Marshall A. Dalton, Peter Zeidman, Cornelia McCormick, Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, London, UK
23. **Primacy Recall and Attention: an Eye Tracking study** A-0070
Davide Bruno, Simon Preece, Glen Pennington, Dan P. A. Clark
Liverpool Hope University, UK; Liverpool John Moores University, UK
24. **Metamemory and the Benefit of Generating Errors** A-0075
Chunliang Yang, David R. Shanks
Division of Psychology and Language Sciences, University College London, London, UK
25. **Time Manages Interference in Visual Short Term Memory** A-0087
Amy Victoria Smith, Denis McKeown, David Bunce
School of Psychology, University of Leeds, Leeds, UK
26. **Can color cues increase toddlers' spatial memory? A study on object permanence involving the rotation of hidden objects** A-0089
Mirjam Ebersbach, Christian Nawroth
Universität Kassel, Germany University of London, UK
27. **Examining the phenomenology and functions of episodic memories, counterfactual thoughts and future simulations** A-0111
Müge Özbek, Annette Bohn, Dorthe Berntsen
Center on Autobiographical Memory Research (CON AMORE), Department of Psychology and Behavioural Sciences, Aarhus University
28. **Segregating Active Inhibition from Passive Awareness Control in Suppression-induced Forgetting** A-0114
Yuhua Guo, Michael C. Anderson
MRC Cognition and Brain Sciences Unit, Cambridge, UK; University of Cambridge, Cambridge, UK

29. **Response Theory analyses of the Reading Decision Test- Brazilian version** A-0115
Mônica Carolina Miranda, Alan Baddeley, Elayne C. M. Pinheiro, Ana Luiza Navas, Thais Barbosa, Orlando F. A. Bueno
Universidade Federal de São Paulo, São Paulo, Brazil University of York, York, North Yorkshire, England Faculdade de Ciências Médicas da Santa Casa de São Paulo, São Paulo, Brasil
30. **The effect of rehearsing an alibi on memory detection** A-0118
Phot Dhammapeera, Xiaoqing Hu, Zara Bergström
University of Kent, UK; University of Texas, USA
31. **Reactivating emotional memories during REM and NREM sleep** A-0122
Mick Lehmann, Thomas Schreiner, Erich Seilritz, Björn Rasch
Psychiatric University Hospital Zürich, CH University of Zürich, CH Clinical Research Priority Program Sleep and Health, CH University of Fribourg, CH
32. **The Electrophysiology of Familiarity and Recollection** A-0123
Syanah Wynn, Dennis Schutter, Sander Daselaar, Marc Hendriks, Roy Kessels
Radboud University Nijmegen, Donders Institute
33. **The effect of variable input on memory for novel vocabulary** A-0140
Nichole Runge, Mitchell S.Sommers, Joe Barcroft
Washington University in St. Louis, Saint Louis, USA
34. **Perceptual and semantic properties both modulate the ERP correlate of familiarity** A-0147
Fabrice Guillaume, Sophie Tinard, Mélanie Bourgeois
Laboratoire de Psychologie Cognitive (CNRS, UMR 0), Marseille, France
35. **Transcranial stimulation of the dorsolateral prefrontal cortex prevents stress-induced working memory deficits** A-0148
Mario Bogdanov, Lars Schwabe
University of Hamburg, Germany
36. **Individual Differences in Autobiographical Forgetting in Old Age across Five Years** A-0151
Tabea Wolf, Daniel Zimprich
Ulm University, Ulm, Germany
37. **Memory control ability modulates intrusive memories after analogue trauma** A-0162
Markus Streb, Axel Mecklinger, Michael C. Anderson, Johanna Lass-Hennemann, Tanja Michael
Division of Clinical Psychology and Psychotherapy, Department of Psychology, University of Freiburg, Freiburg, Germany; Experimental Neuropsychology Unit, Department of Psychology, Saarland University, Saarbrücken, Germany; MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom; Behavioural and Clinical Neurosciences Unit, University of Cambridge, Cambridge, United Kingdom; Division of Clinical Psychology and Psychotherapy, Department of Psychology, Saarland University, Saarbrücken, Germany

38. **The effects of acute stress on emotional working memory and its associated functional brain connectivity** A-0173
C.W.E.M. Quaedflieg, L. Schwabe, I. Timmers, P. Mania, T. Smeets
University of Hamburg, Hamburg, Germany; Maastricht University, Maastricht, The Netherlands
39. **Suggestibility to Additive versus Contradictory Misinformation Following Explicit Error Detection in Younger and Older Adults** A-0180
Sharda Umanath, Mark J. Huff, David A. Balota
Claremont McKenna College, Claremont, USA; Washington University in St. Louis, St. Louis, USA
40. **Interference in scalar short-term memory** A-0188
Tyler D. Bancroft, Philip Servos, Tyler M. Ensor, Jeffery A. Jones, William E. Hockley
Wilfrid Laurier University, Waterloo, Canada Memorial University of Newfoundland, St. John's, Canada
41. **The effect of the Biased Retelling of a harsh experience on Autobiographical Memory Characteristics and Post Traumatic Growth** A-0195
Kazuhiro Ikeda, Yayoi Kawasaki
Shokei Gakuin University, Miyagi, Japan; Nihon University, Tokyo, Japan
42. **Imaging memory transformation: neural signature of detailed and gist-like memories of recent and remote events** A-0208
Lisa Dandolo, Lars Schwabe
Institute of Psychology, University of Hamburg, Hamburg, Germany
43. **The action-sentence compatibility effect (ACE): Implications for long-term memory** A-0211
Antonio M. Díez, Emiliano Díez, María A. Alonso, Arthur M. Glenberg, Angel Fernandez
Universidad de Salamanca, Spain; Instituto Universitario de Integración en la Comunidad INICO, Salamanca, Spain; Universidad de La Laguna, Spain; Arizona State University, Tempe, AZ, USA
44. **Incidental memory for highly detailed natural scenes** A-0214
Rose Wastling, Denis McKeown, Charity Brown, Richard Allen, David Bunce
University of Leeds, Leeds, UK
45. **The Cognitive Interview: New procedures to enhance witnesses' report and evaluate report accuracy** A-0230
Rui Paulo, Pedro B. Albuquerque, Ray Bull
School of Psychology, University of Minho; School of Law and Criminology, University of Derby

46. **Acute stress improves event-based and time-based prospective memory performance in young adults** A-0232
Ágnes Szöllősi, Péter Pajkossy, Gyula Demeter, Szabolcs Kéri, Mihály Racsmány
Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary; Research Group on Frontostriatal Disorders, Hungarian Academy of Sciences, Budapest, Hungary; National Institute of Psychiatry and Addictions, Nyíró Gyula Hospital, Budapest, Hungary
47. **When do Older Adults Show a Positivity Effect in Emotional Memory?** A-0233
Clémence Joubert, Patrick S. R. Davidson, Hanna Chainay
*Laboratoire d'Étude des Mécanismes Cognitifs, Université Lumière Lyon, Lyon, France
School of Psychology, University of Ottawa, Ottawa, Ontario, Canada*
48. **Valence-specific effects of confidence in visual processing regions and the MTL for true and false memories** A-0235
Sarah M Kark, Elizabeth A Kensinger
Department of Psychology, Boston College, Chestnut Hill, USA
49. **You are less significant because I forgot you: forgetting leads to devaluation of faces** A-0245
Masanori Kobayashi, Jun Kawaguchi
Nagoya University, Nagoya, Japan
50. **A memory signature - Reinstatement of brain activity patterns for episodic memory retrieval over the course of one week** A-0246
Christiane Oedekoven, James Keidel, Samuel Berens, Chris Bird
School of Psychology, University of Sussex, Brighton, UK
51. **[Day]dreaming predicts dart throwing performance** A-0248
Caroline Horton, Ethan Miller
Bishop Grosseteste University, Lincoln, UK; Leeds Beckett University, Leeds, UK
52. **The effects of emotional arousal on memory-guided attention** A-0249
Nilgun Turkileri, David Field, Judi Ellis, Michiko Sakaki
School of Psychology and Clinical Language Sciences, University of Reading, Reading, UK
53. **Sleep and directed forgetting: The role of napping in the consolidation of relevant and irrelevant memories** A-0250
Borbála Blaskovich, Ágnes Szöllősi, Ferenc Gombos, Mihály Racsmány, Péter Simor
Department of Cognitive Science, Budapest University of Technology and Economics, Hungary; Pázmány Péter Catholic University, Budapest, Hungary; Frontostriatal System Research Group, Hungarian Academy of Sciences, Hungary
54. **Introducing a new mnemonic to the timeline technique: retrieval support for sub-optimally encoded events** A-0252
Feni Kontogianni, Lorraine Hope, Paul J. Taylor, Aldert Vrij, Fiona Gabbert
University of Portsmouth, UK; University of Lancaster, UK; Goldsmiths University of London, UK

55. **Neural correlates of selective memory retrieval in episodic memory** A-0256
Michael Wirth, Bernhard Pastötter, Karl-Heinz T. Bäuml
Regensburg University, Regensburg, Germany
56. **When selective retrieval improves recall of other memories: direct evidence for context reactivation processes** A-0257
Karl-Heinz Bäuml, Lisa Wallner
Universität Regensburg, Germany
57. **Priming of related concepts during future imagining** A-0261
Karen L. Campbell, Roland G. Benoit, Daniel L. Schacter
Harvard University, Cambridge, USA
58. **Extending the Self into the Future: Age Doesn't Matter** A-0265
Sinué Salgado, Dorthe Berntsen
Center on Autobiographical Memory Research, Aarhus University, Denmark
59. **Medial temporal lobe damage impairs short-term memory for high-resolution associations** A-0266
Joshua D. Koen, Alyssa A. Borders, Michael T. Petzold, Andrew P. Yonelinas
University of Texas at Dallas, USA, University of California, Davis, USA
60. **Strategic regulation and reporting in the alibis of innocent and guilty suspects** A-0267
Shiri Portnoy, Lorraine hope, Aldert Vrij, Pär-Anders Granhag, Karl Ask
University of Portsmouth, Portsmouth, UK; University of Gothenburg, Gothenburg, Sweden
61. **What's age got to do with it? Age, accuracy, metamemory and the social contagion of false memories.** A-0269
Katya Numbers, Amanda Barnier, Michelle Meade, Henry L. Roediger III
ARC Centre of Excellence in Cognition and its Disorders, and Department of Cognitive Science, Macquarie University, Sydney, AU. Montana State University, Montana, USA; Washington University in St. Louis, Missouri, USA
62. **Recollection versus familiarity in normal aging and in mild cognitive impairment: Impact of test format.** A-0271
Jessica Simon, Jessica Gilsoul, Eric Salmon, Christine Bastin
University of Liège, Liège, Belgium; CHU of Liège, Liège, Belgium
63. **Schema-driven inference learning: testing the impact of concurrent glucocorticoid and noradrenergic activation** A-0272
Lisa Marieke Klueen, Lars Schwabe
Department of Cognitive Psychology, Institute of Psychology, Von-Melle-Park, University of Hamburg, 0 Hamburg, Germany
64. **The effects of smoking and different socioeconomic backgrounds on multiple self-regulation domains** A-0274
Sabine Pompeia, Raquel de Luna Antonio
Universidade Federal de São Paulo, Brazil

65. **The self-advantage in self/other source memory predicts naturalistic prospective memory** A-0282
Ruth Ford, Judi Ellis
Anglia Ruskin University, Cambridge, UK; Reading University, Reading, UK
66. **Errorful and errorless learning in preschoolers: at what age does the errorful advantage appears?** A-0300
Yifat Faran, Yaniv Sopen, Dorit Ben Shalom
Ashkelon Academic College, Ashkelon, Israel Chemdat Ha'darom Academic college, Netivot, Israel Ben Gurion University of the Negev, Beer Sheva, Israel
67. **Tracking collective schemas in individual memories** A-0306
Pierre Gagnepain, Thomas Vallée, Denis Peschanski, Francis Eustache
Inserm, U0, Caen, France Université de Caen Normandie, UMR_S0, Caen, France Ecole Pratique des Hautes Études, UMR_S0, Caen, France Centre Hospitalier Universitaire, UMR_S0, Caen, France Paris Panthéon-Sorbonne, UMR_0, Paris, France CNRS, Centre d'histoire sociale du XXe siècle, UMR_0, Paris, France Equipex MATRICE
68. **Effects of age and cognitive control availability on deactivation of completed intentions** A-0315
Moritz Walser, Marcus Möschl, Mareike Altgassen, Rico Fischer
Technische Universität Dresden, Germany; Radboud University, Nijmegen, The Netherlands; Ernst-Moritz-Arndt Universität Greifswald, Germany
69. **Body-object interaction ratings for 750 Spanish words** A-0318
María A. Alonso, Emiliano Díez, Antonio M. Díez, Angel Fernandez
Universidad de La Laguna, Spain; Universidad de Salamanca, Spain; Instituto Universitario de Integración en la Comunidad INICO, Salamanca, Spain
70. **Remember and switch: How dual and task-switching response conditions affect event-based prospective memory performance** A-0326
Diana R. Pereira, Pedro B. Albuquerque, Flávia H. Santos
Neuropsychophysiology Lab, CIPsi, School of Psychology, University of Minho, Braga, Portugal Human Cognition Lab, CIPsi, School of Psychology, University of Minho, Braga, Portugal Laboratory of Neuropsychology, Post-graduation Program in Developmental Psychology and Learning, UNESP, University of the State of São Paulo, Bauru, Brazil
71. **Improving relational memory in older adults – a cue based approach** A-0335
Benjamin Sturm, Hubert Zimmer
University of Saarland, Saarbruecken, Germany
72. **A dynamic field theory approach to prospective memory and intention deactivation** A-0337
Moritz Walser, Heike Stein, Stefan Scherbaum
Technische Universität Dresden, Germany
73. **Bilingual Children's Recalled Stories in Chinese and English** A-0346
Jessie Bee Kim Koh, Elena Nicoladis, Paula Marentette
University of Alberta, Alberta, Canada

74. **The effects of socioeconomic factors on fractionated executive functions** A-0501
 Sabine Pompeia, Raquel de Luna Ant3nio
Universidade Federal de Sao Paulo, Brazil
75. **A comparison of working memory and episodic memory decline with age.** A-0614
 Selma Lugtmeijer, Edward H.F. de Haan, Roy P.C. Kessels.
Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, the Netherlands; University of Amsterdam, the Netherlands
76. **Autobiographical Memory Sharing and Empathy Elicitation: Guilt and Shame Emotions** A-0520
 Roza Kamiloglu, Sami G3lg3z
Koç University, Istanbul, Turkey
77. **How should the police replicate a suspect's distinctive feature across foils?** A-0592
 Melissa F Colloff, Kimberley A Wade
University of Warwick, UK
78. **Neurobehavioural characteristics of limbic encephalitis associated with voltage-gated potassium channel complex antibodies** A-0596
 Clare Loane, Adriana Roca-Fernandez, Christopher R Butler
Memory Research Group, Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford UK
79. **Effects of acute stress on prospective-memory monitoring and intention deactivation** A-0604
 Marcus M3schl, Moritz Walser, Franziska Plessow, Thomas Goschke, Rico Fischer
Technische Universit3t Dresden, Germany; Harvard Medical School, Boston, MA, USA; Ernst-Moritz-Arndt Universit3t Greifswald, Germany
80. **People can identify a face even if the person's facial impressions have changed.** A-0606
 Yuiko Sakuta, Ryoko Yamada, Yoshinori Inaba, Shigeru Akamatsu
Jissen Women's University, Tokyo, Japan; Hosei University, Tokyo, Japan
81. **"Have you seen this child?": The effect of crime re-enactment on eyewitness memory.** A-0608
 Hayley Cullen, Celine Van Golde, Helen Paterson
The University of Sydney, Australia
82. **Statistical learning is reflected in event-related brain potentials (ERPs)** A-0611
 Andrea K3bor, 3d3m Tak3cs, Zs3fia Kardos, Karolina Janacsek, Brigitta T3th, Csenge T3r3k, Zs3fia Zavec, M3rk Moln3r, Dezso Nemeth
Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Institute of Psychology, E3tv3s Lor3nd University, Budapest, Hungary; Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary; MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Center for Computational Neuroscience and Neural Technology, Boston University, Boston, USA

83. **The effects of emotional and decisional forgiveness on intentional forgetting in the directed-forgetting paradigm** A-0612
Saima Noreen, Malcolm D. MacLeod
Goldsmiths, University of London, UK Stirling University, Scotland, UK
84. **Stereotypes – collective memory – political system transformation** A-0613
Aleksandra Niewiara
University of Silesia in Katowice, Poland
85. **Remembering and Knowing in Olfactory Working Memory** A-0615
Andrew Moss, Andrew Johnson, Jane Elsley, Christopher Miles
Bournemouth University
86. **When context matters: Electrophysiological correlates of associative learning and memory for neutral items bound to emotional contextual information.** A-0616
Carlos Ventura-Bort, Andreas Löw, Julia Wendt, Florin Dolcos, Alfons Hamm, Mathias Weymar
*Department of Biological and Clinical Psychology, University of Greifswald, Germany
Department of Humanities and Social Sciences, Helmut-Schmidt-University/University of the Federal Armed Forces Hamburg, Germany Psychology Department, Neuroscience Program, Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, USA*
87. **Processing of objects in an allocentric reference frame in a cross-maze task** A-0618
Agoston Torok, Andrea Kobor, Gyorgy Persa, Peter Galambos, Peter Baranyi, Valeria Csepe, Ferenc Honbolygo
Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Doctoral School of Psychology, Eötvös Loránd University, Budapest, Hungary Department of Cognitive Psychology, Faculty of Pedagogy and Psychology, Eötvös Loránd University, Budapest, Hungary D Internet based Control and Communications Laboratory, SZTAKI, Hungarian Academy of Sciences, Budapest, Hungary
88. **How to boost consolidation of implicit probabilistic learning by manipulation of reconsolidation** A-0619
Csenge Török, Janacsek Karolina, Dezso Nemeth
MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Institute of Psychology, Eötvös Loránd University, Budapest, Hungary
89. **Consolidation of prospective memory: The effect of sleep on completed and reinstated intentions** A-0621
Christine Barner, Mitja Seibold, Jan Born, Susanne Diekelmann
Institute of Medical Psychology and Behavioral Neurobiology, Tübingen, Germany
90. **Sleep facilitates the reconsolidation of declarative memories** A-0623
Jens G. Klinzing, Björn Rasch, Jan Born, Susanne Diekelmann
Institute for Medical Psychology and Behavioral Neurobiology, University of Tübingen, Germany; Graduate School of Neural and Behavioural Sciences, University of Tübingen, Germany; Centre for Integrative Neuroscience (CIN), University of Tübingen, Germany; Department of Psychology, University of Fribourg, Switzerland

91. **Goal maintenance and working memory in preschoolers. Can goal cueing improve their performance and under what conditions?** A-0624
Christophe Fitamen, Agnès Blaye, Valérie Camos
Université de Fribourg, Fribourg, Switzerland; Université d'Aix-Marseille, Marseille, France
92. **Effects of an unrelated working memory task on memory consolidation** A-0625
Samarth Varma, Sander Krewinkel, Maaïke van Kooten, Lily Fu, Roy Kessels, Sander Daselaar
Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, The Netherlands
93. **Is the testing effect driven by retrieval or articulation?** A-0626
Max Larsson Sundqvist, Fredrik U. Jönsson
Department of Psychology, Stockholm University
94. **Medial temporal and frontoparietal involvement in object and scene recollection** A-0627
Heidrun Schultz, Karen F. LaRocque, Stephanie A. Gagnon, Anthony D. Wagner, Bernhard P. Staresina
Department of Education and Psychology, Freie Universität Berlin, Berlin, Germany; Department of Psychology, Stanford University, Stanford, USA; School of Psychology, University of Birmingham, UK
95. **Sleep-dependent Gist Abstraction in Visual Learning** A-0630
Nicolas D. Lutz, Susanne Diekelmann, Jan Born, Karsten Rauss
Institute of Medical Psychology and Behavioral Neurobiology, University of Tübingen, Germany; Graduate Training Centre of Neuroscience / IMPRS for Cognitive & Systems Neuroscience, University of Tübingen, Germany; Werner Reichardt Centre for Integrative Neuroscience, University of Tübingen, Germany
96. **Probabilistic sequence learning in Tourette-syndrome** A-0632
Ádám Takács, Andrea Kóbor, Karolina Janacsek, Shilon Yuval, Júlia Chezan, Noémi Éltető, Zsanett Tárnok, Antoine Tremblay, Michael T. Ullman, Dezsó Nemeth
Institute of Psychology, Eötvös Loránd University, Budapest, Hungary Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Kaplan Medical Center, Rehovot, Israel Vadaskert Child Psychiatry Hospital, Budapest, Hungary Dalhousie University, Halifax, Canada Saint Mary's University, Halifax, Canada Department of Neuroscience, Georgetown University, Washington, DC United States
97. **The consolidation of explicit and implicit probabilistic sequence learning** A-0633
Kata Horváth, Csenge Török, Orsolya Pesthy, Balázs Török, Karolina Janacsek, Dezsó Nemeth
MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Institute of Psychology, Eötvös Loránd University, Budapest, Hungary; Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary

98. **An fMRI study of the supportive role of feedback during test-enhanced learning** A-0635
Carola Wiklund-Hörnqvist, Bert Jonsson, Micael Andersson, Lars Nyberg
Department of Psychology, Umeå University, Sweden Department of Integrative Medical Biology, Umeå University, Sweden Umeå Center for Functional Brain Imaging (Ufbi) Department of Radiation Sciences, Umeå University, Sweden
99. **If you run after two hares within visual working memory, you might catch both: Exploring the effect of retro-cueing multiple items after item offset** A-0636
Masae Takeno, Taiji Ueno, Richard J Allen
Department of Psychology, Nagoya University, Nagoya, Japan; School of Psychology, University of Leeds, Leeds, United Kingdom
100. **Shared processes between episodic memory and online spatial updating** A-0638
Mélanie Cerles, Maëlle Tixier, Stéphane Rousset
Univ. Grenoble Alpes, LPNC, F-000 Grenoble, France; CNRS, LPNC, F-000 Grenoble, France
101. **Can neural functional connectivity index the quality of procedural memory consolidation?** A-0639
Zsófia Zavecz, Brigitta Tóth, Ádám Takács, Andrea Kóbor, Karolina Janacsek, Dezsó Nemeth
MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Institute of Psychology, Eötvös Loránd University, Budapest, Hungary Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Center for Computational Neuroscience and Neural Technology, Boston University, Boston, USA Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary
102. **Judgments of learning: comparing confidence with yes/no responding** A-0640
Radka Jersakova, Richard Allen, Celine Souchay, Janet Metcalfe
University of Leeds, UK; Université Grenoble Alpes, France; Columbia University, USA
103. **Disrupting the pattern: Further testing of the spatiotemporal hypothesis of multitasking** A-0644
Ivo Todorov, Veit Kubik, Fabio Del Missier, Timo Mäntylä
Stockholm University, Sweden; University of Trieste, Italy
104. **Neural oscillatory functional connectivity associated with statistical learning** A-0646
Brigitta Tóth, Zsófia Zavecz, Ádám Takács, Andrea Kóbor, Karolina Janacsek, Dezsó Nemeth
Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Center for Computational Neuroscience and Neural Technology, Boston University, Boston, USA MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Institute of Psychology, Eötvös Loránd University, Budapest, Hungary Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary

105. **Differential temporal dynamics of frontal theta during encoding and maintenance in a working memory task** A-0647
Kathrin C. J. Eschmann, Regine Bader, Axel Mecklinger
International Research Training Group "Adaptive Minds" (GRK); Experimental Neuropsychology Unit, Saarland University, Saarbrücken, Germany
106. **Anodal stimulation of the left dorsolateral prefrontal cortex disrupts statistical learning** A-0649
Orsolya Pesthy, Kata Horváth, Csenge Török, Balázs Török, Karolina Janacsek, Dezsó Nemeth
Institute of Psychology, Eötvös Loránd University, Budapest, Hungary MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Department of Cognitive Science, Budapest Institute of Technology and Economics, Budapest, Hungary
107. **The Effects of Parent-Child Conversation on Children's Memory for a Science Lesson** A-0666
Michelle D. Leichtman, Kaitlin A. Camilleri, David B. Pillemer, Carmela Amato-Wierda, Melissa D. Dongo
University of New Hampshire, Durham, New Hampshire, USA
108. **The effect of closeness to another on the self-reference effect** A-0692
Yi-Jhong Han, Daisy Yip, Leun J Otten
Institute of Cognitive Neuroscience, University College London (UCL), London, UK; Medical School, University College London (UCL), London, UK
109. **Mixing up the Script: A Reminiscence Bump for Bittersweet Emotional Events** A-0721
Karalyn F. Enz, David B. Pillemer, Jennifer M. Talarico
University of New Hampshire, Durham, NH, USA; Lafayette College, Easton, PA, USA
110. **Social Data Analytics and Memory** A-0744
Jeffrey L. Foster
Western Sydney University, AUS
111. **Hidden covariation detection under social influence** A-0747
Nadezhda Moroshkina, Anatoliy Karpov
St. Petersburg State University
112. **VSTM capacity, filter efficiency and fluid abilities** A-0819
Florian Domnick, Nicolas Becker, Hubert D. Zimmer, Frank M. Spinath
Differential Psychology and Psychodiagnostics, Saarland University, Saarbrücken, Germany Brain & Cognition Unit, Saarland University, Saarbrücken, Germany
113. **Hippocampal and striatal involvement in cognitive tasks: a computational model** A-0840
Fabian Chersi, Neil Burgess
Institute of Cognitive Neuroscience, UCL, London, UK

114. **A Cross-Cultural Examination of the Conformity Effect When Witnessing a Crime** A-0855
Sungil Bang, Charles B. Stone
John Jay College of Criminal Justice, City University of New York; The Graduate Center, City University of New York
115. **Effects of Honor Activation and Endorsement on Gender-Defining Memories** A-0875
Merve Mutafoğlu, S. Adil Sarıbay
Boğaziçi University, Istanbul, Turkey
116. **Episodic memory helps belief updating in 36-month-olds but not in 18-month-old infants** A-0881
Ildikó Király, Kata Oláh, Ágnes Kovács, Gergely Csibra
Eötvös Loránd University, Budapest; Central European University, Budapest
117. **Autobiographical memories of important life story events in Mexico, Greenland, China, and Denmark** A-0909
Alejandra Zaragoza Scherman, Sinué Salgado, Zhifang Shao, Dorthe Berntsen
Center on Autobiographical Memory Research (CON AMORE), Department of Psychology and Behavioural Sciences, Aarhus University, Aarhus, Denmark; School of Psychology and Cognitive Science, East China Normal University, Shanghai, China
118. **Computational constraints on the dynamics of memory from open hypothesis spaces** A-0952
David G. Nagy, Gergo Orban
MTA Wigner Research Centre for Physics, Budapest, Hungary; Institute of Physics, Eötvös Loránd University, Budapest, Hungary
119. **Who Can You Trust?** A-1059
Gene Brewer, Chris Blais, Kim Wingert, Derek Ellis, Adam Cohen
Arizona State University, Tempe, USA
120. **Flexible use of category representations** A-0854
Caitlin R. Bowman, Dagmar Zeithamova
University of Oregon

DAILY DETAILED PROGRAM

TUESDAY, 19 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K4 KEYNOTE SESSION IV Jeffrey M. Zacks							
09:20-09:30	Break							
09:30-11:30	S0059 What is the Parietal Lobe Contribution to Episodic Memory?	S0047 Conceptions of Self and Others in Autobiographical Memory	I062 Development of memory I	S0003 Memory Decline and Preservation	I031 Sleep and memory	I171 Future thinking	S0017 The Concept of Episodic Memory: Challenges from Philosophy and Psychology	S0049 Factors that enhance and disrupt memory
	Jon Simons, Morris Moscovitch	David B. Pillemer, Dorthe K. Thomsen	Ryan J Fitzgerald	Davide Bruno	Caroline Horton	Stephen Dewhurst	Sven Bernecker	Angela Gutches, Nancy Dennis
11:30-13:00	P2 POSTER SESSION II (AULA)							
	Lunch Break							

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
13:00-15:00	1042 Autobiographical memory II David Hallford	S0023 Towards a mechanistic understanding of memory development: Evidence from behavior and cognitive neuroscience Noa Ofen, Yee Lee Shing, Lynn Nadel	S0027 Prospective memory in normal and abnormal ageing Agnieszka Niedźwieńska, Lia Kvavilashvili	S0018 Memory Flexibility: From molecular mechanisms to clinical applications Marijn Kroes, Bryan Strange	S0037 Episodic Memory and Aging: Perspectives on Brain and Behavior Moshe Naveh-Benjamin	S0028 Consolidation of procedural learning Dezso Nemeth, Edwin Robertson	S0033 Storytelling, scaffolding, success and sensitivity in collaborative memory across the lifespan Amanda Barnier, William Hirst	I124 Neuroscience of memory I Florin Dolcos
15:00-15:30	Coffee Break							
	S0038 The Ever-Changing Engram: Towards an Integrated Understanding of Long-Term Memory Dynamics Almut Hupbach, Lynn Nadel	S0035 Neuromodulatory Effects on Episodic Memory Matthias Gruber	S0031 Unitization: Learning new associations as a single coherent item Axel Mecklinger, Christine Bastin	S0060 What's this chamber doing in my brain? The role of the thalamus in memory. Lola Danet, Emmanuel Barbeau	S0042 Retrieval mechanisms in autobiographical memory Søren R. Staugaard, Lynn A. Watson	S0004 Fact and Fiction: Remembering and Emotion in the Lab and the Courtroom Mark L. Howe, Lauren M. Knott, Martin A. Conway	S0025 Interactions between memory representation and control: Mechanisms and age-related differences Yee Lee Shing, Yana Fandakova, Roberto Cabeza	I122 Neuroscience of memory II Carl J. Hodgetts
17:30-17:40	Break							
17:40-18:25	K5 KEYNOTE SESSION V Simona Ghetti							

ROOM 1

K4 KEYNOTE SESSION IV

TUESDAY, 19 JULY 2016 | 08:30-09:20 | ROOM 1

Chair: Martin A. Conway

1. **KEYNOTE LECTURE: Predicting, comprehending, and remembering events** A-1072
Jeffrey M. Zacks
Washington University in Saint Louis

S0059 WHAT IS THE PARIETAL LOBE CONTRIBUTION TO EPISODIC MEMORY?

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 1

Chair: Jon Simons

Discussant: Morris Moscovitch

The last few years have seen growing realization that the lateral parietal lobes, traditionally linked with visuospatial attention and visually-guided movement, might also play an important role in episodic memory. Patients with parietal lobe lesions are not amnesic, but evidence suggests that some aspects of remembering may be affected by parietal dysfunction. Recently, significant advances have been made in understanding the contribution of the parietal lobes to the encoding and retrieval of memories. These developments have largely come about through the use of inventive experimental paradigms and methodological advances in structural and functional neuroimaging that have allowed researchers to identify distinct roles for specific parietal lobe regions, such as the angular gyrus. This symposium will bring together a number of leading researchers in the area who will discuss their recent neuroimaging and neuropsychology research exploring the parietal lobe contributions to episodic memory. The discussion that follows will attempt to synthesize the major themes emerging from the talks and explore how different accounts of the data may be reconciled.

1. **Parietal contributions to cued recall: Neuropsychological findings** A-0995
Daniel A. Levy
Interdisciplinary Center Herzliya, Israel
2. **Parietal contributions to the subjective experience of remembering** A-0974
Jon S. Simons
University of Cambridge, UK
3. **Distinguishing neural mechanisms underlying the precision, vividness, and accuracy of episodic memory** A-0982
Franziska R. Richter, Rose A. Cooper, Paul M. Bays, Jon S. Simons
University of Cambridge
4. **Direct Recordings from the Human Parietal Cortex During Memory Retrieval, Rest, and Sleep** A-0993
Josef Parvizi
Neurology and Neurological Sciences, Stanford University School of Medicine

ROOM 1

5. **Recollection and the ventral parietal cortex: a representational account** A-1013
Michael Rugg
University of Texas at Dallas, Dallas, USA

I042

AUTOBIOGRAPHICAL MEMORY II

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 1

Chair: David Hallford

1. **Cognitive Experiments on Life-Logs (CELL): A New Approach to Study Recall of Personally Familiar Proper-Names using Emails** A-0745
Abhilasha A. Kumar, Allyson C. Rosen, Vihari Piratla, Sudheendra Hangal
Ashoka University, Haryana, India; Stanford University, CA 0, USA; Amuse Labs, Dharwad, Karnataka, India
2. **Autobiographical memory recollected and shared in group and cognitive aging: Content analyses based on evaluating and categorizing components in life story narratives** A-0756
Aya Hosokawa, Toshiaki Muramoto
National Center for Geriatrics and Gerontology, Obu, Japan; Tohoku University, Sendai, Japan
3. **"Being there" and remembering it: presence enhances encoding in autobiographical memory** A-0768
Dominique Makowski, Marco Sperduti, Serge Nicolas, Pascale Piolino
Memory and Cognition Lab, Institute of Psychology, University of Sorbonne Paris Cité, Paris, France Center for Psychiatry & Neuroscience, INSERM U, Paris, France Institut Universitaire de France, France
4. **A Comparison of the Reminiscence Bump in Recall for Public Events to the Reminiscence Bump in Rated Importance of Public Events** A-0804
Jonathan Koppel, Dorthe Berntsen
Center on Autobiographical Memory Research, Aarhus University
5. **Memory, Mental Time Travel and The Moustachio Quartet** A-0842
Nicola Clayton, Clive Wilkins
Department of Psychology, University of Cambridge
6. **Direct and generative retrieval of autobiographical memories** A-0869
Eszter Somos, Giuliana Mazzoni, Tjeerd Jellema
University of Hull
7. **The ERP correlates of self-knowledge in relation to world-knowledge and episodic memory** A-0945
Annick Tanguay, Lauren Benton, Lorenza Romio, Carolin Sievers, Patrick S. R. Davidson, Louis Renoult
School of Psychology, University of Ottawa, Canada Department of Neuroscience, Dickinson College, USA School of Psychology, University of East Anglia, UK

ROOM 1

8. **Less Specific and More Overgeneral Autobiographical Memory as a Transdiagnostic Factor in Psychopathology** A-1062

David Hallford
Deakin University

S0038

THE EVER-CHANGING ENGRAM: TOWARDS AN INTEGRATED UNDERSTANDING OF LONG-TERM MEMORY DYNAMICS (PSYCHONOMIC SOCIETY COLLABORATIVE SYMPOSIUM)

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 1

Chair: Almut Hupbach

Discussant: Lynn Nadel

We are witnessing exciting times in memory research -- the traditional view of long-term memory as a stable entity is being replaced by the opposing idea that long-term memory is in fact fundamentally dynamic. In the last decade, basic mechanisms modulating the formation and dynamic restructuring of memory have been identified at multiple levels of analysis. For example, this new direction in research has revealed how cognitive processes such as targeted memory retrieval and intentional memory control interact with neurobiological processes such as sleep and stress signalling to shape long-term memory. The symposium brings together researchers from different institutions across the United States and Europe working at the forefront of this new frontier. The aims of the symposium are to foster communication and to promote an integrated understanding of the dynamics of long-term memory. Speakers will discuss the adaptive function of forgetting for emotional health (Simon Nørby), the long-term effects of intentional forgetting (Almut Hupbach), the role of attention in intentional forgetting (Lili Sahakyan), the effects of study and retrieval practice on neural differentiation in the hippocampus (Justin Hulbert), neural mechanisms of retrieval that modify autobiographical memories (Peggy St. Jacques), how stress affects memories for naturalistic events (Lars Schwabe), and how memory formation and updating through reactivation may differ during sleep and wakeful states (Susanne Diekelmann). The symposium presents a rare opportunity to initiate international collaborations among the researchers and their institutions that span across many levels of analysis, with the goal to accelerate research in this exciting new field.

1. **Effects of memory reactivation during sleep and wakefulness: similar or different?** A-0466
Susanne Diekelmann
University of Tuebingen, Germany
2. **Facilitation, inhibition, & differentiation—oh my! Interleaved study & retrieval practice** A-0468
Justin Hulbert
Bard College, USA
3. **Long-term effects of directed forgetting: consolidating the important** A-0464
Almut Hupbach
Lehigh University, USA
4. **Putting an unpleasant past to rest: On forgetting and emotional health** A-0470
Simon Nørby
University of Aarhus, Denmark

ROOM 1

5. **The Role of Attention in Directed Forgetting** A-0816
Lili Sahakyan, Trisha Patel
University of Illinois at Urbana-Champaign
6. **Stress-induced changes in the formation and updating of memories** A-1045
Lars Schwabe
University of Hamburg, Germany
7. **Neural Mechanisms of visual perspective shifting during retrieval that modify autobiographical memories** A-0469
Peggy L. St. Jacques
University of Sussex, United Kingdom

K5 KEYNOTE SESSION V

TUESDAY, 19 JULY 2016 | 17:40-18:25 | ROOM 1

Chair: Fiona Gabbert

1. **KEYNOTE LECTURE: Building blocks of episodic memory: A neurodevelopmental account** A-1073
Simona Ghetti
University of California, Davis

ROOM 2

S0047

CONCEPTIONS OF SELF AND OTHERS IN AUTOBIOGRAPHICAL MEMORY

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 2

Chair: David B. Pillemer, Dorte K. Thomsen

Current theories define autobiographical memory as recollections of events that focus on the self. This definition leaves out vicarious memories--recollections of events that happened to other people. This symposium explores the idea that vicarious and personal memories share many important properties and functions, and it also highlights several key differences between these two types of remembering. The presenters share data and insights that illuminate potential developmental, cross-cultural, and neuropsychological mechanisms. They 1) provide a theoretical and empirical analysis of personal and vicarious memories, including a description of phenomenological attributes and potential adaptive functions; 2) describe the first cross-cultural comparison of personal and vicarious memories; 3) compare research participants' personal life stories to the stories that they construct for their mothers; 4) compare narratives told by parents and their adolescent children about parents' childhood conflicts and transgressions; and 5) examine the effects on memory accuracy of adopting a self versus observer point of view in personal memory. The presentations introduce the idea that conceptions of autobiographical memory should be expanded to include recollections of events that happened to others or that are perceived from alternative perspectives.

- 1. Vicarious Memories** A-1021
David B. Pillemer
University of New Hampshire, Durham, USA
- 2. Personal and Vicarious Memories in Cultural Contexts** A-1022
Qi Wang
Cornell University, Ithaca, USA
- 3. My Story and My Mother's Story: Relating Personal and Mothers' Life Stories to Well-Being** A-1024
Dorte K. Thomsen, David B. Pillemer
University of Aarhus, Aarhus, Denmark University of New Hampshire, Durham, USA
- 4. Learning Life Lessons from Intergenerational Narratives** A-1025
Robyn Fivush, Natalie Merrill
Emory University, Atlanta, USA
- 5. Constructing Multiple Visual Perspectives in Memories for Events** A-1026
Peggy L. St. Jacques
University of Sussex, Sussex, UK

ROOM 2

S0023

TOWARDS A MECHANISTIC UNDERSTANDING OF MEMORY DEVELOPMENT: EVIDENCE FROM BEHAVIOR AND COGNITIVE NEUROSCIENCE

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 2

Chair: Noa Ofen, Yee Lee Shing

Discussant: Lynn Nadel

The use of neuroimaging technics in the study of memory development is providing new insights into the neural underpinnings that support age-related improvements in memory. In this symposium we will present the current notions about memory development as evinced by behavioral evidence examining factors such as categorization and decision-making in children's learning, and by recent investigation into the neural correlates supporting learning and memory development. Across the talks we will be asking what are the ways in which cognitive neuroscience evidence advance notions about memory development that were originally developed based on behavioral evidence, and what are the ways by which brain development imposes endogenous constraints on the development of human learning and memory. The discussion will also focus on examining the relevance of developmental data in informing models of memory systems. Ultimately in this symposium we aim to present a snapshot of current investigations and define the next steps we could be taking that will advance us towards generating a mechanistic understanding of memory development.

- 1. In search of the Holy Grail: just how useful is the amnesia filter when assessing infant memory?** A-0442
Sinéad Mullally, Alexandra Houston
Newcastle University, UK
- 2. Neural mechanisms of episodic memory development: Effects of school entry** A-0209
Yee Lee Shing, Garvin Brod, Ann-Kristin Meyer, Pedro M. Paz-Alonso, Yana Fandakova
Division of Psychology, University of Stirling; Center for Lifespan Psychology, Max Planck Institute for Human Development; BCBL, Basque Center on Cognition Brain and Language; University of California, Davis & Berkeley, USA
- 3. Differential Coupling of Categorization and Memory across Development** A-0207
Sophia Deng, Vladimir Sloutsky
The Ohio State University, Columbus OH, USA
- 4. The Development of Memory and Decision-Making** A-0259
Diana Selmecky, Simona Ghetti
University of California, Davis
- 5. Neurodevelopmental correlates of the testing effect** A-0206
Pedro M. Paz-Alonso, Jaione Arnaez-Telleria, Garikoitz Lerma-Usabiaga, Manuel Carreiras
BCBL. Basque Center on Cognition, Brain and Language
- 6. Relational binding in late childhood: eyetracking and neuroimaging studies of typical and atypical development** A-0297
Jamie Edgin, Yating Liu, Stella Sakhon, Goffredina Spano, Caron Clark
University of Arizona

ROOM 2

7. Prefrontal cortex contributions to episodic memory development

A-0295

Lingfei Tang, Andrea Shafer, Qijing Yu, Noa Ofen
Wayne State University, Detroit, USA

S0035

NEUROMODULATORY EFFECTS ON EPISODIC MEMORY

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 2

Chair: Matthias Gruber

In this symposium, we will focus on how affective states influence episodic memory processes via their neuromodulatory role on medial temporal lobe function. The first part of the symposium will showcase how positive affective states related to extrinsic motivators (e.g. reward and novelty) and intrinsic motivators (e.g. curiosity and choice) enhance memory processes. The second part of the symposium will highlight how negative affective states related to pain, stress, and threat influence episodic memory. We will present evidence from behavioral, fMRI, and M/EEG studies by investigating the influence of neuromodulatory systems (e.g. dopaminergic, cholinergic, and noradrenergic system) on learning, post-learning, and retrieval mechanisms. Intriguingly, by including research related to a variety of cognitive processes that are supported by different neuromodulatory systems, this symposium will illustrate the underlying commonalities and differences in states that are accompanied by high salience and ultimately how these states enhance or distort memories.

1. States of motivation prioritize learning and post-learning dynamics

A-0586

Matthias J. Gruber, Charan Ranganath
Center for Neuroscience, UC Davis, USA; Department of Psychology, UC Davis, USA

2. The interactive effects of extrinsic rewards and curiosity on memory

A-0321

Kou Murayama
University of Reading, Reading, UK

3. The simple act of choice facilitates memory via enhanced valuation and engagement of value-related neural circuits.

A-0463

Vishnu Murty, Sarah DuBrow, Lila Davachi
University of Pittsburgh, Pittsburgh, PA, USA; Princeton University, Princeton, NJ, USA; New York University, New York City, NY, USA

4. Recent exposure to novelty shapes basic human memory processes.

A-0319

Katherine Duncan, Anuya Patil
University of Toronto, Toronto, Canada

5. Pain anticipation modulates the mesolimbic system, low beta power and event-related fields during memory encoding

A-0394

Eva M. Bauch, Nico Bunzeck
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Martinistrasse, 0 Hamburg, Germany; Department of Psychology, University of Lübeck, Ratzeburger Allee 0, Lübeck, Germany

ROOM 2

6. **Stress as a mnemonic filter: Interactions between MTL learning processes and post-encoding stress** A-0743
Maureen Ritchey, Andrew M. McCullough, Andrew P. Yonelinas, Charan Ranganath
University of California, Davis, USA; Boston College, Boston, USA

7. **Noradrenergic and dopaminergic systems interact to amplify motivated memory under threat** A-1027
David Clewett, Ringo Huang, Rico Velasco, Tae Ho Lee, Mara Mather
University of Southern California, Los Angeles, CA, USC

ROOM 3

I062

DEVELOPMENT OF MEMORY I

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 3

Chair: Ryan J Fitzgerald

1. **Investigating impaired short-term memory performance in children with ADHD** A-0476
Tadamasa Narimoto
Tokyo University of Social Welfare, Tokyo, Japan
2. **It looks familiar but I don't recollect: Repetition affects recognition memory differently in children and adults** A-0504
Marina Wimmer, Laura Koenig, Timothy Hollins
University of Plymouth, UK
3. **The wildcard increases children's correct and (sometimes) incorrect rejections of lineups** A-0601
Ryan J Fitzgerald, Devon Tomlinson, Eva Rubinova, James Ost
University of Portsmouth
4. **Working memory training in school: Effect on working memory, vocabulary and arithmetic** A-0961
Barbara Studer-Luethi, Minna Toermaenen, Katja Margelisch, Antonia Hogrefe, Walter J. Perrig
Center for Cognition, Learning and Memory, University of Bern, Switzerland University of Helsinki, Finland
5. **Post-navigation rest supports the consolidation and integration of spatial memories into accurate cognitive maps in young and older adults** A-0523
Michael Craig, Thomas Wolbers, Mathew A. Harris, Patrick Hauff, Sergio Della Sala, Michaela Dewar
Department of Psychology, School of Life Sciences, Heriot-Watt University, Edinburgh, UK; Human Cognitive Neuroscience, Department of Psychology, The University of Edinburgh, Edinburgh, UK; Centre for Cognitive Ageing and Cognitive Epidemiology, The University of Edinburgh, Edinburgh, UK; German Center for Neurodegenerative Diseases (DZNE), Aging and Cognition Research Group, Magdeburg, Germany

ROOM 3

S0027

PROSPECTIVE MEMORY IN NORMAL AND ABNORMAL AGEING

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 3

Chair: Agnieszka Niedźwieńska

Discussant: Lia Kvavilashvili

Prospective memory (PM) is an ability to remember to do something in the future like remembering to keep appointments or take medication. PM is contrasted with retrospective memory, which involves remembering information from the past (e.g. remembering the contents of a film or someone's name). Although PM is vitally important for independent living in old age, it has received much less attention compared to retrospective memory. This is especially true for Mild Cognitive Impairment (MCI), which is a transitional state between normal ageing and dementia, with amnesic MCI individuals having a much higher risk of progression to Alzheimer's disease than healthy older adults.

This symposium brings together experts from around the world who will discuss the nature of PM deficits in old age and the usefulness of PM paradigm to detect early signs of cognitive decline. Novel studies comparing young and older adults will be presented to explain a paradoxical pattern of age-related PM deficits in the lab and everyday life. New data on MCI will be presented to clarify how PM can help discriminate between healthy and cognitively impaired older adults. Presenters will also propose techniques and trainings to enhance PM in old age that have been recently tested.

- 1. The contrasting prospective memory performance of young and older adults in laboratory versus naturalistic setting** A-0238
Peter Rendell, Susan Sapega, Gill Terrett, Nathan Rose
Australian Catholic University, Melbourne, Australia
- 2. Do focality and cue-action association differently impact prospective memory (PM) in young and older adults?** A-0239
Nicola Ballhausen, Katharina Schnitzspahn, Matthias Kliegel
University of Geneva, Geneva, Switzerland
- 3. Strategy and process-based cognitive trainings of event-based prospective memory in older adults** A-0240
Rafał Albiński, Kamila Gurynowicz, Matthias Kliegel
University of Social Sciences and Humanities, Warsaw, Poland; University of Geneva, Geneva, Switzerland
- 4. Prospective memory deficits in Mild Cognitive Impairment: The lab performance versus everyday memory failures** A-0241
Agnieszka Niedźwieńska, Lia Kvavilashvili, Kunle Ashaye
University of Hertfordshire, Hatfield, England; Jagiellonian University, Cracow, Poland; Lister Hospital, Stevenage, England
- 5. Assessment and cognitive correlates of Prospective Memory Function in Mild Cognitive Impairment and Early Dementia** A-0242
Claire L. Thompson, Julie D. Henry, Peter Rendell, Adrienne Withall, Henry Brodaty
James Cook University (Australia), Singapore campus; University of Queensland, St Lucia, Australia; Australian Catholic University, Melbourne, Australia; University of New South Wales, Sydney, Australia

ROOM 3

6. **Applications of prospective memory assessment in clinical neuropsychology** A-0243
Alberto Costa
Istituto di Ricovero e Cura a Carattere Scientifico Fondazione Santa Lucia, Rome, Italy
7. **Sustaining Autonomy in Amnesic Mild Cognitive Impairment: an Early Diagnosis for a Better Outlook** A-0244
Antonina Pereira, Alexandre de Mendonça, Judi Ellis
University of Chichester, Chichester, England; University of Lisbon, Lisbon, Portugal; University of Reading, Reading, England

S0031

UNITIZATION: LEARNING NEW ASSOCIATIONS AS A SINGLE COHERENT ITEM

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 3

Chair: Axel Mecklinger, Christine Bastin

Encoding and retrieval of associations are key mechanisms in episodic memory. Recently, a particular way of creating associations has received much interest: unitization, which consists in encoding the components of an association in such a way that they are integrated in a single whole. The symposium proposes an overview of current neuroscientific research about unitization. It will illustrate the converging evidence for the formation and retrieval of unitized associations and will address several key questions: What is unitization? What are the underlying mechanisms and which encoding conditions create unitized associations? Is unitization a special form of learning and which memory processes are affected by unitization? Can unitization alleviate the associative memory decline observed in memory-impaired populations (e.g. amnesia, old age)? How does emotional arousal modulate unitization processes?

1. **The importance of unitization for familiarity-based learning** A-0303
Andrew P. Yonelinas, Colleen Parks
University of California, Davis, USA University of Nevada, Las Vegas, USA
2. **The impact of preexisting semantic integration on associative memory in normal aging** A-0304
Christin Bastin
University of Liège, Belgium
3. **Unitization shapes associative episodic memory by increasing familiarity: Evidence from event-related potentials** A-0305
Axel Mecklinger, Regine Bader
Saarland University, Saarbrücken, Germany
4. **Semantic unitizability modulates recognition memory context effects and their electrophysiological correlates** A-0308
Daniel A. Levy
Interdisciplinary Center Herzliya, Israel
5. **Bypassing relational binding deficits in amnesia and aging through unitization** A-0312
Jennifer D. Ryan
University of Toronto, Canada

ROOM 3

6. **Episodic memory and unitization: Can theory-driven research have real-world impact?** A-0314
David Donaldson, Jamie G. Murray
Psychology, School of Natural Sciences, University of Stirling, UK
7. **How emotion affects associative unitization** A-0310
Elizabeth Kensinger
Boston College, USA

ROOM 4

S0003

MEMORY DECLINE AND PRESERVATION

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 4

Chair: Davide Bruno

An increase in average life expectancy has given rise to a number of pressing health challenges for the 21st century. Age-related memory loss, whether due to a neurodegenerative condition such as Alzheimer's disease, or as a product of the normal process of aging, is perhaps the most significant of the health problems of old age presently confronting our society.

The symposium will draw on a number of themes related to cognitive aging, such as ways of detecting cognitive decline by analysing memory performance, and how to maintain cognitive function in later age.

- 1. The recency ratio as a predictor of amnesic Mild Cognitive Impairment** A-0055
Davide Bruno, Nunzio Pomara, Rebecca Kosciak, Sterling Johnson
Liverpool Hope University, UK; Liverpool John Moores University, UK; Nathan Kline Institute, NY, USA; New York University, NY, USA; University of Wisconsin, Madison, WI, USA
- 2. Assessing the evidence for the role of head injury in Dementia and CTE** A-0137
A. Rutherford
School of Psychology, Keele University, Keele, UK
- 3. The Role of Environmental Context in Dementia** A-0149
Gerasimos Markopoulos
Bath Spa University, Bath, UK
- 4. Distraction by unintentional recognition: neural mechanisms and age-related changes** A-0088
Zara Bergstrom, John Allen, Dinkar Sharma
University of Kent, UK
- 5. Investigating the impact of glucoregulation on episodic memory in older adults using ERPs** A-0134
Nicola Jones, Leigh Riby, Michael Smith
Liverpool Hope University, Liverpool, UK; Northumbria University, Newcastle upon Tyne, UK
- 6. The contribution of experience-based and theory-based information to feeling of knowing judgements in young and older adults** A-0159
Suzannah M Morson, Chris J A Moulin, Celine Souchay
University of Aberdeen, UK Université Pierre Mendès-France, France
- 7. Accuracy and Confidence Calibration of Associative Memory in Aging** A-0176
Yee Lee Shing, Sandra Düzel, Simone Kühn, Ulman Lindenberger
Center for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany; Division of Psychology, University of Stirling, UK; Universitätsklinikum Eppendorf, Hamburg, Germany

ROOM 4

S0018

MEMORY FLEXIBILITY: FROM MOLECULAR MECHANISMS TO CLINICAL APPLICATIONS

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 4

Chair: Marijn Kroes, Bryan Strange

The traditional view of memory is that following an initial consolidation period memories are stable and 'fixed' in the brain and the original memory trace remains essentially unchanged. Recent research has challenged this view by demonstrating that reactivating consolidated memories can induce renewed flexibility. This leads to the intriguing possibility that an understanding of this persistent, flexible nature of memory will enable targeting and changing of specific learned responses and memories that contribute to maladaptive mental states and behaviours. The symposium will present research ranging from the molecular mechanisms of memory flexibility to clinical applications in humans. Talks will cover the flexibility of different types of memory: from simple learned responses to episodic memory for both aversive and appetitive experiences. Critical questions that will be addressed include: When and how can memory flexibility be renewed? What is the functional significance of memory flexibility? And what are the possibilities and difficulties in translating findings on memory flexibility from non-human animals to patient populations? Collectively the symposium aims to provide the latest insights into the nature of memory flexibility following initial consolidation and the translation of fundamental memory research to clinical applications.

- 1. Dopamine signalling in the amygdala and the reactivation of a fear memory.** A-1049
Emma Cahill, Barry J Everitt, Amy L Milton
Behavioural and Clinical Neuroscience Institute, Dept. of Psychology, University of Cambridge, Dept. of Psychology, Cambridge CB 2E, United Kingdom
- 2. Reconsolidation of instrumental memories** A-1048
Marc Exton-McGuinness, Jonathan Lee
University of Birmingham, UK
- 3. Emotional remodeling as a new therapeutic approach for post traumatic stress disorder and for dependance for drug of abuse** A-0158
Pascale Gisquet-Verrier, Claire Le Dorze, Charles Siegfried Peretti
*Neuro-PSI, Université Paris-Sud, CNRS UMR, Université Paris-Saclay, Orsay F 00, France
Service de Psychiatrie, Hôpital Saint-Antoine, Paris; F0, Paris, France*
- 4. How a blood pressure drug may attenuate emotional memories** A-1029
Lars Schwabe, Karim Nader, Jens C. Pruessner
University of Hamburg, Germany; McGill University, Montreal, Canada
- 5. How Administration of the Beta-Blocker Propranolol Before Extinction can Prevent the Return of Fear** A-1054
Marijn Kroes, Klodiana-Daphne Tona, Hanneke den Ouden, Susanne Vogel, Guido van Wingen, Guillen Fernandez
Radboud University Nijmegen Medical Center; New York University; Radboud University Nijmegen, University of Amsterdam

ROOM 4

6. **Post-retrieval new learning does not reliably induce human memory updating via reconsolidation** A-0160
Tom Hardwicke, Mahdi Taqi, David Shanks
University College London
7. **The effect of sedation on reconsolidation of emotional episodic memory in humans** A-1053
Ana Galarza-Vallejo, Marijn CW Kroes, Victoria Acedo, Enrique Rey, Bryan A. Strange
Laboratory for Clinical Neuroscience, Ctr. For Biomedical Technology (CTB), Madrid, Spain; New York University, New York, NY, USA; Hospital Clínico San Carlos, Madrid, Spain Reina Sofia Centre for Alzheimer's Research, Madrid, Spain
8. **A light-touch behavioural intervention for inducing amnesia for acquired fear memories** A-0172
Anastasia Chalkia, Lauranne Vanaken, Riet Fonteyne, Tom Beckers
KU Leuven, Leuven, Belgium

S0060

WHAT'S THIS CHAMBER DOING IN MY BRAIN? THE ROLE OF THE THALAMUS IN MEMORY.

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 4

Chair: Lola Danet, Emmanuel Barbeau

That the thalamus is involved in memory is unquestioned. This said many issues are unresolved: Are distinct thalamic nuclei involved in specific memory processes? What are those processes? How should lesions of the thalamus be studied given the low resolution of neuroimaging? Or the fact that the lesions encompass several nuclei? Studying the thalamus is challenging because pure thalamic lesions are rare and its anatomy is complex.

In this symposium, a handful of experts from all around the world will present their findings on the thalamus and memory. They have developed highly precise behavioral experiments and innovative neuroimaging methods. The thalamus is studied in different pathologies such as thalamic stroke, Korsakoff syndrome, alcohol use disorder, schizophrenia, and fronto-temporal or Alzheimer dementia. This will allow a comparison of memory deficits in a range of experimental conditions and pathologies affecting the thalamus.

These key results will highlight the variety of thalamic functions in memory as well as the necessity to consider the entire anatomical network of memory to better understand its functional architecture in future researches.

1. **Retrograde Amnesia in the Korsakoff syndrome.** A-0917
Yvonne C.M. Rensen, Roy P.C. Kessels, Ellen M. Migo, Arie J. Wester, Paul A.T.M. Eling, Michael D. Kopelman
Radboud University, Donders Institute for Brain, Cognition, and Behavior, Nijmegen, The Netherlands Korsakoff Clinic, Vincent van Gogh Institute, Centre of Excellence for Korsakoff and Alcohol-Related Cognitive Disorders, Venray, The Netherlands Department of Medical Psychology, Radboud University Medical Center, Nijmegen, The Netherlands King's College London, Institute of Psychiatry, Psychology and Neuroscience, London, UK Centre of Excellence for Korsakoff and Alcohol-Related Cognitive Disorders, Vincent van Gogh Institute for Psychiatry, Venray, The Netherlands Department of Psychological Medicine, Institute of Psychiatry, King's College London, London, UK

ROOM 4

2. **Alcohol-related brain dysfunction as a model to explore the thalamus** A-0919
Anne Lise Pitel, Shailendra Segobin, Ludivine Ritz, Francis Eustache, H el ene Beaudieux
Inserm-EPHE-Universit e de Caen/Normandie, UMRS-0, Caen, France
3. **Variability of thalamic imaging phenotypes is associated with cognition, schizophrenia and genetics** A-0921
Giulio Pergola, Boris Suchan, Alessandro Bertolino, Giuseppe Blasi
Department of Basic Medical Science, Neuroscience, and Sense Organs – University of Bari ‘Aldo Moro’, Piazza Giulio Cesare, 0 Bari, Italy; Department of Neuropsychology, Institute of Cognitive Neuroscience – Ruhr University Bochum, Universitaetsstr. 0, 0 Bochum, Germany Psychiatry Unit - Bari University Hospital, Piazza Giulio Cesare, 0 Bari, Italy; IRCCS ‘Casa Sollievo della Sofferenza’, Viale Cappuccini,, I-0 San Giovanni Rotondo, Italy
4. **Impact of thalamic lesions on episodic memory in Alzheimer’s disease and frontotemporal dementia** A-0922
Michael Hornberger
Norwich Medical School, University of East Anglia
5. **Thalamic Contributions to Long-term Memory Retrieval** A-0925
Sicong Tu, Muireann Irish, Laurie Miller, Michael Hornberger
Neuroscience Research Australia, Randwick, Sydney, Australia Australian Research Council Centre of Excellence in Cognition and its Disorders, Sydney, Australia School of Medical Sciences, The University of New South Wales, Sydney, Australia School of Psychology, The University of New South Wales, Sydney, Australia Central Clinical School, Neuropsychology Unit, Royal Prince Alfred Hospital, University of Sydney Sydney, NSW, Australia Norwich Medical School, University of East Anglia, Norwich, United Kingdom
6. **Comparative visual memory processing after medial thalamic damage in humans and non-human primates** A-0927
Anna S. Mitchell, Sicong Tu, Michael Hornberger, Laurie Miller
Department of Experimental Psychology, University of Oxford, Oxford, UK Neuroscience Research Australia, Randwick, Sydney, Australia Australian Research Council Centre of Excellence in Cognition and its Disorders, Sydney, Australia School of Medical Sciences, The University of New South Wales, Sydney, Australia Norwich Medical School, University of East Anglia, Norwich, United Kingdom Central Clinical School, Neuropsychology Unit, Royal Prince Alfred Hospital, University of Sydney Sydney, NSW, Australia
7. **Recollection and familiarity in the human thalamus** A-0928
Giovanni A. Carlesimo
Tor Vergata University, Systems Medicine Department, Rome, Italy Laboratory of Clinical and Behavioural Neurology, IRCCS Santa Lucia Foundation, Rome, Italy
8. **Medial thalamic stroke and its impact on familiarity and recollection** A-0929
Lola Danet, J er emie Pariente, Pierre Eustache, Nicolas Raposo, Igor Sibon, Jean-Fran ois Albucher, Fabrice Bonneville, Patrice Peran, Emmanuel J. Barbeau
Toulouse NeuroImaging Center, Universit e de Toulouse, Inserm, UPS, France Universit e de Toulouse, Centre de recherche Cerveau et Cognition (CNRS, CerCO, UMR), Toulouse, France Neuroscience Centre, Purpan Hospital, Toulouse University Hospital, Toulouse, France Department of Diagnostic and Therapeutic Neuroimaging, University of Bordeaux Victor Segalen, Bordeaux University Hospital, France

ROOM 5

I031

SLEEP AND MEMORY

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 5

Chair: Caroline Horton

1. **Sleep and Memory Consolidation In Toddlers with Down Syndrome** A-0236
Goffredina Spanò, Rebecca Gomez, Mary Alt, Bianca Demara, Malissa Tsang, Nikhita Sachdeva, Megan K. Steuter, Arielle Ruda, Jamie Edgin
University of Arizona
2. **The continuity of the autobiographical memory system across sleep and wake: The self in dreams** A-0247
Caroline Horton
Bishop Grosseteste University, Lincoln, UK
3. **Does Sleep Facilitate Working Memory Training in Children and Adults?** A-0845
Katharina Zinke, Jan Born
University of Tübingen, Germany
4. **Identification of memory reactivation during sleep using EEG classification** A-0859
Suliman Belal, James Cousins, Wael El-Deredy, Laura Parkes, Jules Schneider, Penelope Lewis
School of Psychological Sciences, University of Manchester, Manchester Cognitive Neuroscience Laboratory, Duke-NUS Graduate Medical School, Singapore Centre for Imaging Sciences, University of Manchester, Manchester School of Psychology, Cardiff University, Tower Building, Cardiff
5. **Cued reactivation in slow-wave sleep induces connectivity changes related to memory stabilization.** A-0908
Ruud Berkers, Matthias Ekman, Eelco van Dongen, Atsuko Takashima, Ken A. Paller, Guillen Fernandez
Donders Institute for Brain, Cognition and Behaviour, Radboud University Medical Centre, Nijmegen, the Netherlands Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, The Netherlands Northwestern University, Evanston, Illinois, United States

ROOM 5

S0037

EPISODIC MEMORY AND AGING: PERSPECTIVES ON BRAIN AND BEHAVIOR

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 5

Chair: Moshe Naveh-Benjamin

As people grow older, their episodic memory becomes vulnerable to age-related declines. This symposium draws together a group of international researchers to address different aspects of age-related changes in episodic memory, as well as the potential mechanisms underlying such changes. Several presentations will utilize behavioral measures and brain imaging techniques to examine the effects of age-related structural and functional changes in the brain on episodic memory. These presentations suggest declines in specific brain structures, as well as in connectivity among these structures, as the source for episodic memory decline. Other talks will look at pharmacological and genetic markers that implicate deficient dopaminergic modulation in age-related memory declines. Finally, individual differences in episodic memory among older adults in brain and behavior, as well as the role of several biomarkers in predicting different trajectories of episodic memory change will be examined.

- 1. Effects of High Educational Level and High Cognitive Ability on Item and Associative Memory in Older Adults** A-0350
Moshe Naveh-Benjamin
University of Missouri, Columbia, USA
- 2. Structural Brain Correlates of Associative Memory in Younger and Older Adults** A-0351
Nina Becker, Grégoria Kalpouzou, Erika J. Laukka, Lars Bäckman, Yvonne Brehmer
Max Planck Institute for Human Development, Berlin, Germany; Karolinska Institute, Stockholm, Sweden
- 3. Associative and Item Memory Decline in Older Adults: fMRI and DTI Evidence** A-0352
Roberto Cabeza
Duke University, Durham, USA
- 4. Testing Large-Scale Age-Related Differences in Brain Activity** A-0353
Alexa M. Morcom, Research Team CamCAN, Richard N. A. Henson
University of Edinburgh, Edinburgh, UK; Cambridge Centre for Ageing and Neuroscience, Cambridge, UK
- 5. Dopamine Modulation of the Frontal-Hippocampal-Striatal Circuitry: Implications for the Aging of Memory and Spatial Learning** A-0354
Shu-Chen Li
TU Dresden, Dresden, Germany
- 6. Alzheimer's-Related Biomarkers Contribute to Differential Longitudinal Trajectories in Non-demented Memory Aging** A-0355
Roger A. Dixon, G. Peggy McFall
University of Alberta, Alberta, Canada

ROOM 5

S0042

RETRIEVAL MECHANISMS IN AUTOBIOGRAPHICAL MEMORY

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 5

Chair: Søren R. Staugaard, Lynn A. Watson

This symposium explores how the retrieval situation impacts the characteristics, and frequency of autobiographical memories. The first three presentations demonstrate how cueing has important consequences for memory retrieval. Clare Rathbone and Chris Moulin demonstrate that cueing tasks involving switching away from current self-goals result in delayed recall of ABMs. Marie Kirk and Dorthe Berntsen demonstrate that manipulating the richness and concreteness of cues diminishes the impact of cognitive symptoms of Alzheimer's disease. Andrew Laughland and colleagues then demonstrate how cueing methodology (smartphones versus paper diaries) influences the frequency of involuntary memories retrieved. The next two presentations focus on factors influencing the retrieval of involuntary memories. Andrew Laughland describes a single case study investigating the frequency and cueing of involuntary memories while driving and John Mace and Fayeza Ahmed discuss how attention influences the frequency of involuntary memories. The final presentations focus on mode of retrieval; if the intentionality of retrieval influences what is recalled or forgotten. Krystian Barzykowski and Søren Staugaard discuss the extent to which retrieval intentionality influences autobiographical memory characteristics. Lynn Watson and colleagues demonstrate how retrieval intentionality influences the retrieval of emotional pictures. Finally, Søren Staugaard investigates whether forgetting mechanisms influence involuntary and voluntary memories equally.

- 1. Switch-costs in the self-memory system** A-0432
Clare J. Rathbone, Chris Moulin
Oxford Brookes University, United Kingdom; Université Pierre-Mendès-France, France
- 2. A shortcut to the past: Object-cued autobiographical memory recall in Alzheimer's disease** A-0433
Marie Kirk, Dorthe Berntsen
Aarhus University, Denmark
- 3. Effects of diary type (paper vs. smartphone) and study length (1 vs. 7 days) on the number of recorded involuntary autobiographical memories** A-0434
Andrew Laughland, Lia Kvavilashvili
University of Hertfordshire, United Kingdom
- 4. The frequency and cueing mechanisms of involuntary memories while driving: A novel audio-recording method in situ** A-0435
Andrew Laughland
University of Hertfordshire, United Kingdom
- 5. High frequency involuntary remembering and the control of attention** A-0436
John H. Mace, Fayeza S. Ahmed
Eastern Illinois University, USA
- 6. Retrieval intentionality - does it really matter?** A-0437
Krystian Barzykowski, Søren R. Staugaard
Jagiellonian University, Poland; Aarhus University, Denmark

ROOM 5

7. **Voluntary and involuntary memories for emotional pictures** A-0438
Lynn A. Watson, Julie A. Niziurski, Adriana del Palacio Gonzalez, Dorthe Berntsen
Aarhus University, Denmark

8. **Rate of forgetting in voluntary and involuntary episodic memory** A-0439
Søren R. Staugaard, Dorthe Berntsen
Aarhus University, Denmark

ROOM 6

I171 FUTURE THINKING

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 6

Chair: Stephen Dewhurst

1. **Future thinking and false memory** A-0058
Stephen Dewhurst, Rachel Anderson, Lydia Grace
University of Hull, Hull, UK

2. **“Fly me to the moon” – temporal distance and event novelty modulate semantic contributions to past and future thinking** A-0107
Muireann Irish, Nadene Dermody, John R. Hodges
Neuroscience Research Australia, Sydney, Australia; School of Psychology, the University of New South Wales, Sydney, Australia

3. **Visual imagery in remembering the past and imagining the future** A-0602
Cagla Aydin, Elif Kilic, Ozde Ozkaya, Olesya Blazhenkova
Sabancı University

4. **Emotional future-oriented thoughts: Characteristics and perceived functions** A-0867
Catherine Barsics, Marie Rebetez, Martial Van der Linden, Arnaud D’Argembeau
Swiss Center for Affective Sciences, University of Geneva, Switzerland Cognitive Psychopathology and Neuropsychology Unit, University of Geneva, Switzerland Department of Psychology: Cognition and Behavior, University of Liège, Belgium

5. **Does Setting Realistic Goals for the Future Depend on Accurately Recalling the Past?** A-0936
Stephanie A. Berger
College of Mount Saint Vincent, Bronx, USA

6. **Imagination in relation to memory and beyond** A-0994
Anna Abraham
Leeds Beckett University, Leeds, UK

ROOM 6

S0028 CONSOLIDATION OF PROCEDURAL LEARNING

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 6

Chair: Dezso Nemeth, Edwin Robertson

The symposium will provide a state-of-the-art overview of theoretical and empirical developments on the consolidation of procedural learning. The symposium will cover a range of experimental methods to examine implicit and explicit processes in memory consolidation. In everyday life, procedural learning is crucial for adapting to complex environments, aiding the organism in anticipating state changes and optimizing decisions in an efficient manner. Moreover, this kind of learning does not occur only during practice, in the so-called online periods, but also between practice periods, in the so-called offline periods. The process that occurs during the offline periods is referred to as consolidation, denoting the stabilization of a memory trace after the initial acquisition. Offline procedural learning can result in increased resistance to interference or even improvement in performance following an offline period. A particular focus will be on state-of-the-art methods and analytic techniques that dissociate different processes within procedural learning and its consolidation. Understanding the multiple aspects and influencing factors of learning and consolidation can help us reveal the neurocognition of this fundamental learning mechanism and the underlying cooperative and competitive brain networks. Moreover two talks will show the effect of developmental disorders on the consolidation of procedural memory.

- 1. Instability and interaction between different types of memory** A-0413
Edwin Robertson
University of Glasgow, Glasgow, UK
- 2. Motor learning, fatigue and the reorganization of brain networks** A-0414
Philippe Peigneux, Alison Mary, Guillermo Borragan
Université Libre de Bruxelles (ULB), Belgium
- 3. The importance of distinguishing general skill and sequence-specific components in sequence learning: Evidence from task sequence learning and consolidation** A-0415
Beat Meier, Brigitte Weiermann, Josephine Cock
Institute of Psychology and Center for Cognition, Learning, and Memory, University of Bern, Switzerland
- 4. Competitive neurocognitive networks underlying implicit statistical learning** A-0412
Dezso Nemeth, Karolina Janacsek
Hungarian Academy of Sciences Eötvös Loránd University
- 5. Sleep-independent offline enhancement and time of the day effects in three forms of skill-learning** A-0416
Ferenc Kemeny, Agnes Lukacs
Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary

ROOM 6

6. **Adjusting Skill Learning Protocols to Aid Learning and Consolidation in Developmental Disorders** A-0418
Esther Adi-Japha
Bar-Ilan University
7. **Learning, consolidation, and compensation in neurodevelopmental disorders** A-0419
Michael Ullman
Georgetown University, Washington DC

S0004

FACT AND FICTION: REMEMBERING AND EMOTION IN THE LAB AND THE COURTROOM

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 6

Chair: Mark L. Howe, Lauren M. Knott, Martin A. Conway
Discussant: Martin A. Conway

In this symposium, we explore the role that emotion can play in the emergence of true and false memories, naive beliefs about memories for emotional events, and what people actually remember from documented traumatic experiences. We begin by examining the role of specific emotions (e.g., anger, fear) induced in the lab on the formation of true and false memories both immediately and following a (sleep-filled) delay. Next, we examine people's naive beliefs about how emotional events (e.g., child abuse, rape) are remembered, beliefs that not only influence legal decisions about whether to prosecute, but the very decisions about the guilt or innocence of those accused of perpetrating such crimes. Finally, we turn an examination of the accuracy and type of information people actually remember from documented traumatic experiences (e.g., forced removals from biological parents, childhood sexual abuse). Together, these presentations provide considerable insight into what we know about the effects of emotion on true and false memory, in the lab, in naive beliefs, and in what gets presented in the courtroom.

This symposium is co-sponsored by the Centre for Memory and Law, City University London and by an ESRC Grant [ES/L00853X/1] on Memory and Emotion to Lauren Knott and Mark L. Howe.

1. **The Persistence of Emotionally Negative False Memories: Lessons from the Lab** A-0022
Lauren Knott, Mark L. Howe, Samantha Wilkinson
City University London, London, UK
2. **Discrete Emotion-congruent False Memories** A-0023
Cassandra Bland, Mark L. Howe, Lauren Knott
City University London, London, UK
3. **Presentation Mode Survives the Emotional Witness Effect** A-0024
Annika Melinder, Ellen Wessel, Lisa Burrell, Maria Olaussen Eriksen
University of Oslo, Oslo, Norway
4. **Beliefs About Memory for Sexual Assault and Their Consequences: The Case of Rape** A-0025
Martin A. Conway, Katrin Hohl
City University London, London, UK

ROOM 6

5. **A Longitudinal Study of Children's Memories of a Stressful Separation from Biological Parents.** A-0026
Annika Melinder, Gunn Astrid Baugerud, Gail S. Goodman, Kristianne Stigsdatter Ovensrad
University of Oslo, Oslo, Norway University of California - Davis, Davis CA, USA

6. **Long-Term Memory in Children Exposed to Violence: Part 1** A-0027
Gail S. Goodman, Deborah Goldfarb, Rakel P. Larson, Sarah Tashjian, Alexandra Shelley
University of California - Davis, Davis CA, USA University of California - Los Angeles, Los Angeles CA, USA

7. **Long-Term Memory in Children Exposed to Violence: Part 2** A-0028
Gail S. Goodman, Deborah Goldfarb, Rakel P. Larson, Anyonia Cartwright, Alejandra Gonzalez
University of California - Davis, Davis CA, USA

ROOM 7

S0017

THE CONCEPT OF EPISODIC MEMORY: CHALLENGES FROM PHILOSOPHY AND PSYCHOLOGY

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 7

Chair: Sven Bernecker

Episodic memory has been extensively studied over the past six decades but there is still some uncertainty as to what exactly episodic memory is and what sets it apart from other mental states. The concept of episodic memory has recently come under attack from philosophy and the psychology. An interdisciplinary ensemble of experts addresses some of these challenges from various perspectives.

1. **Beyond Episodic Memory - How Do Interactions Matter?** A-0164
John Sutton
Macquarie University, Australia
2. **Dissociating Memory Traces and Scenario Construction in Mental Time Travel** A-0165
Sen Cheng, Thomas Suddendorf, Markus Werning
University of Bochum, Germany; University of Queensland, Australia
3. **Finding Phenomenological Differences between Episodic Simulations** A-0166
Sarah Robins
University of Kansas, USA
4. **Functionalism as the Happy Medium between Narrativity and the Causal Theory of Memory** A-0167
Jorge Fernandez
University of Adelaide, Australia
5. **Memory and Imagination: The Nature and Role of a Self-Narrative** A-0168
Martin A. Conway
City University London, UK
6. **Against the Causal Theory** A-0169
Kourken Michaelian
University of Otago, New Zealand
7. **World-Involvingness and Singularity: a Critical Discussion of the Relational Account of Episodic Memory** A-0170
Denis Perrin
University of Grenoble, France
8. **The Pragmatic Dimension of Episodic Memory** A-0171
Sven Bernecker
University of California Irvine, USA

ROOM 7

S0033

STORYTELLING, SCAFFOLDING, SUCCESS AND SENSITIVITY IN COLLABORATIVE MEMORY ACROSS THE LIFESPAN

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 7

Chair: Amanda Barnier

Discussant: William Hirst

Children learn to remember in storytelling with parents and families; students recall with peers and teachers in the classroom; couples, friends, colleagues and communities remember together in everyday conversations. Memory is a social activity. This symposium gathers memory researchers from different traditions to reveal the nature and consequences of memory collaboration across the lifespan. Fivush offers a model and coding system to distinguish “voicing” versus “silencing” in family storytelling. She highlights benefits for wellbeing when multiple perspectives are allowed and voiced. Salmon focuses also on mental-health implications of parent-child reminiscing. She presents new data on adolescents with psychopathology and their reminiscing conversations about negative emotional events. Koh and Wang continue this focus on parent-child conversation comparing European-American and Chinese mothers and children. They discuss the meaning of successful collaboration in cultural contexts. Meade takes two social memory paradigms into the classroom, examining collaborative successes and failures for educational material. Numbers works with long married couples who remember together or alone. She discusses patterns of more or less successful scaffolding, building a profile of a successful memory partner. Barnier continues this analysis arguing that sensitivity is a crucial element of memory collaboration. Finally, Hirst discusses themes and implications of this symposium.

- 1. Voice and Silence in Family Storytelling** A-0358
Robyn Fivush
Emory University, Atlanta, USA
- 2. Reminiscing Conversations Between Parents and Adolescents: Relationships With Youth Mental Health** A-0359
Karen Salmon, Elaine Reese, Paul Jose, Kate Bryson
Victoria University of Wellington, Wellington, New Zealand, University of Otago, Otago, New Zealand
- 3. Culture and Collaborative Conversation: Talking About Past and Future in European-American and Chinese Families** A-0360
Jessie Bee Kim Koh, Qi Wang
University of Alberta, Alberta, USA Cornell University, New York, USA
- 4. Applying Social Memory Phenomena to Higher Education** A-0362
Michelle Meade, Penny Van Bergen, Vladimir A. Perga, Krista D. Manley
Montana State University, Montana, USA, Macquarie University, New South Wales, Australia
- 5. “Subjective memory complainer seeks conscientious, elaborative scaffolder”: Developing a profile of successful collaboration in older couples.** A-0270
Katya Numbers, Amanda Barnier, Celia Harris, Thomas Morris, Greg Savage
ARC Centre of Excellence in Cognition and its Disorders, and Department of Cognitive Science, Macquarie University, Sydney, AU. ARC Centre of Excellence in Cognition and its Disorders, and Department of Psychology, Macquarie University, Sydney, AU. The Australian Imaging, Biomarkers and Lifestyle (AIBL) Study of Ageing

ROOM 7

6. **Intimacy, Need, Strategy and Sensitivity: Patterns of Successful and Unsuccessful Social Memory Scaffolding** A-0363
Amanda Barnier, Celia Harris
Macquarie University, New South Wales, Australia

S0025

INTERACTIONS BETWEEN MEMORY REPRESENTATION AND CONTROL: MECHANISMS AND AGE-RELATED DIFFERENCES

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 7

Chair: Yee Lee Shing, Yana Fandakova

Discussant: Roberto Cabeza

The act of remembering can be conceptualized as a function of mnemonic representation as well as cognitive control processes that act upon the representation. These control processes may include selection, enhancement, monitoring, and inhibition of retrieval content. Our understanding of how memory representation and control processes interact during encoding and retrieval is still emerging. Furthermore, findings of age-related decline in episodic memory functioning have been imprecise in pinpointing whether older adults' memory deficits are related to age-related declines in the quality of mnemonic representations, in the cognitive control processes operating on these representations, or both. In this symposium, we bring together seven talks that examine these issues using behavioural, electrophysiological, and neuroimaging techniques, with extensions to affective processing and forensic settings. The discussion will focus on our current understanding of the neural mechanisms through which memory representation and cognitive control interact with each other, and age differences therein. By bringing together talks on the basic mechanisms of representation-control interactions with talks on the ways in which these interactions operate differently in older adults and across different settings, we aim to define the next steps that could be taken to achieve a more mechanistic understanding of episodic memory functioning.

1. **Memory representations in the cortex: Episodic and semantic components** A-1007
Roberto Cabeza, Erik Wing, Simon Davis
Center for Cognitive Neuroscience, Duke University, Durham, USA
2. **Age-related declines in memory reflect both representational specificity and retrieval control processes** A-0682
Ali Trelle, Jon Simons, Richard Henson
Department of Psychology, University of Cambridge, UK MRC Cognition & Brain Sciences Unit, Cambridge, UK
3. **False memory in old age: Effects of representation quality and retrieval monitoring mechanisms** A-0669
Yana Fandakova, Myriam C. Sander, Thomas H. Grandy, Markus Werkle-Bergner, Yee Lee Shing
Max Planck Institute for Human Development, Berlin, Germany; University of California, Davis & Berkeley, USA; Ardn University of Stirling, Scotland
4. **Agging affects how cognitive control resolves proactive interference in associative memory retrieval** A-0637
Audrey Duarte, Michael Dulas
School of Psychology, Georgia Institute of Technology, Atlanta, Georgia, USA

ROOM 7

5. **Proactive Control of Recollection in Young and Older Adults** A-0846
Alexa M. Morcom, Jessica Keating, Caitlin Affleck-Brodie, Ronny Wiegand
Psychology, University of Edinburgh

6. **Retrieval control strategies for evading forensic memory detection** A-0254
Zara Bergström, Xiaoqing Hu
University of Kent, UK University of Texas, USA

7. **Strolling in a parking lot with my best friend: vmPFC mediates simulation-induced attitude changes** A-0707
Roland G Benoit, Daniel L Schacter
Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany Department of Psychology and Center for Brain Science, Harvard University, Cambridge, MA, USA

ROOM 8

S0049

FACTORS THAT ENHANCE AND DISRUPT MEMORY

TUESDAY, 19 JULY 2016 | 09:30-11:30 | ROOM 8

Chair: Angela Gutchess, Nancy Dennis

Discussant: Suparna Rajaram

An intriguing aspect of memory is that a single factor (e.g., emotion, culture, gist, context, motivation, or collaboration) can be both beneficial and deleterious to memory. This symposium integrates behavioral and neuroimaging methods to investigate such factors, considering both accurate as well as erroneous aspects of memory. Dr. Murty will present evidence for how motivation enhances consolidation, including generalization to related information. Dr. Kensinger will discuss the effects of emotional valence, including enhanced memory for sensory details and conceptual gist, and show how these processes appear stable neurally across the lifespan. Dr. Dennis will also consider general and specific aspects of memory with a focus on the neural correlates of gist, as well as examine how age and individual differences interact with gist to affect memory. Dr. Campbell will probe the effects of aging on hyper-binding, in discussing how interference can improve memory when irrelevant information later becomes relevant. Dr. Gutchess will consider interference in memory in terms of how memory errors differ as a function of culture and age, and cross-cultural differences in the neural correlates of specific memory. Finally, Dr. Michelle Meade will examine social collaboration, and the positive and negative effects it has on individual memory performance.

- 1. Reward motivation facilitates memory via post-encoding mechanisms of consolidation** A-0987
Vishnu Murty
University of Pittsburgh, Pittsburgh, PA, USA
- 2. The good, the bad, and the forgotten: How emotional valence influences what we remember and forget** A-0841
Elizabeth A. Kensinger
Department of Psychology, Boston College
- 3. The influence of gist processing to both true and false memories** A-0814
Nancy Dennis
The Pennsylvania State University University Park, PA, USA
- 4. Age-related hyper-binding: Both a help and a hindrance?** A-0943
Karen L. Campbell, Lynn Hasher
Department of Psychology, Harvard University, Cambridge, USA; Department of Psychology, University of Toronto, Toronto, Canada; Rotman Research Institute, Toronto, Canada
- 5. Influence of Culture on Memory** A-0962
Angela Gutchess
Brandeis University, Waltham, MA, USA
- 6. The Influence of Social Factors on Memory** A-0960
Michelle Meade
Montana State University, Bozeman, MT, USA

ROOM 8

I124

NEUROSCIENCE OF MEMORY I

TUESDAY, 19 JULY 2016 | 13:00-15:00 | ROOM 8

Chair: Florin Dolcos

1. **Assessment of brain connectivity patterns in progression of Alzheimer's disease** A-0784
B. Bhuvaneshwari, A. Kavitha
SSN College of Engineering, Chennai, INDIA
2. **Brain Activity and Network Interactions in the Impact of Autobiographical Recollection as Internal Emotional Distraction** A-0863
Florin Dolcos, Alexandru D. Iordan, Sanda Dolcos
University of Illinois, Urbana-Champaign, USA
3. **Implicit task sequence learning and consolidation: a continuous theta burst stimulation (cTBS) study** A-0876
Branislav Savic, Dario Cazzoli, René Müri, Beat Meier
Institute of Psychology, University of Bern, and Center for Cognition, Learning, and Memory; University of Bern, ARTORG Center for Biomedical Engineering Research, Gerontechnology & Rehabilitation; Bern University Hospital Inselspital, and Center for Cognition, Learning, and Memory
4. **Gluing Memories via Oscillations: Theta phase synchronization drives associative memory formation in humans** A-0934
Andrew Clouter, Kimron L. Shapiro, Simon Hanslmayr
University of Birmingham, School of Psychology, UK
5. **Brain system for mental orientation** A-1057
Shahar Arzy
Department of Medical Neurosciences, Faculty of Medicine, Hebrew University of Jerusalem, Israel. Department of Neurology, Hadassah Hebrew University Medical Center, Jerusalem, Israel

I122

NEUROSCIENCE OF MEMORY II

TUESDAY, 19 JULY 2016 | 15:30-17:30 | ROOM 8

Chair: Carl J. Hodgetts

1. **Evidence for a perception memory continuum: an EEG study in a healthy population** A-0507
Rebecca Ovalle Fresa, Nicolas Rothen
Institute of Psychology, Center for Cognition, Learning and Memory, University of Bern, Bern, Switzerland

ROOM 8

2. **Spectral fingerprints of memory encoding: material-specific and material-unspecific subsequent memory effects** A-0532
Marie-Christin Fellner, Stephanie Gollwitzer, Stefan Rampp, Nikolai Axmacher, Hajo Hamer, Simon Hanslmayr
Institute of Cognitive Neuroscience, Ruhr University Bochum, Germany Epilepsy Center, Department of Neurology, Universitätsklinikum Erlangen, Erlangen, Germany School of Psychology, University of Birmingham, UK

3. **Atrophy of amygdala and abnormal memory-related alpha oscillations over posterior cingulate predict conversion to Alzheimer's disease** A-0548
Laura Prieto del Val, Jose L. Cantero, Mercedes Atienza
Laboratory of Functional Neuroscience, CIBERNED (Network Center for Biomedical Research in Neurodegenerative Diseases), Pablo de Olavide University, Seville, Spain

4. **The role of the fornix and inferior longitudinal fasciculus in contextual and conceptual autobiographical memory** A-0600
Carl J. Hodgetts, Mark Postans, Naomi Warne, Alice Varnava, Andrew D. Lawrence, Kim S. Graham
School of Psychology, Cardiff University, Cardiff, UK; Cardiff University Brain Research Imaging Centre, School of Psychology, Cardiff University, Cardiff, UK

5. **Event related activations suggest distinct neural mechanisms for processing learned and new meaningless stimuli.** A-0605
Jayalakshmi Viswanathan, Florence Rémy, Nadège Bacon-Macé, Isabelle Berry, Simon Thorpe
CerCo, CNRS UMR, CNRS, Toulouse, France. University of Toulouse III - Paul Sabatier, Toulouse, France. Toulouse NeuroImaging Center, Inserm, Toulouse, France

6. **A Neural Similarity Code In The Anterior Temporal Pole Predicts False Memories** A-0609
Martin Chadwick, Raeesa Anjum, Dharshan Kumaran, Dan Schacter, Hugo Spiers, Demis Hassabis
Google DeepMind, London, UK Institute of Behavioural Neuroscience, Department of Experimental Psychology, Division of Psychology and Language Sciences, University College London, London, UK Department of Psychology, Harvard University, Cambridge, MA, USA Centre for Brain Science, Harvard University, Cambridge, MA, USA

7. **How oscillations depict episodic memory formation in the real world** A-0617
Benjamin Griffiths, Ali Mazaheri, Stefan Debener, Simon Hanslmayr
University of Birmingham, UK; Carl von Ossietzky University, Oldenburg, Germany

8. **Brain oscillatory dynamics of attention allocation to item-context binding in episodic long-term memory** A-0634
Tamas Minarik, Barbara Berger, Paul Sauseng
Ludwig-Maximilians University, Munich, Germany

**P2
POSTER SESSION II**

TUESDAY, 19 JULY 2016 | 11:30-13:00 | ROOM: AULA

- 1. Upregulating NMDA-receptor activity during sleep enhances declarative learning**
 Marjan Alizadeh Asfestani, Jan Schwidetzky, Surjo R. Soekadar, Jan Born, Gordon B. Feld
Institute of Medical Psychology and Behavioral Neurobiology, Tübingen, Germany; Center for Integrative Neuroscience, Tübingen, Germany; Department of Psychiatry and Psychotherapy, Tübingen, Germany

A-0317
- 2. Ventromedial prefrontal cortex: adding value to autobiographical memories**
 Wen-Jing Lin, Aidan J. Horner, Neil Burgess
UCL Institute of Cognitive Neuroscience, London, UK; UCL Institute of Neurology, London, UK

A-0323
- 3. Distinct cognitive deficits in schizophrenia are associated with task-specific prefrontal cortex dysfunction**
 Jane R. Garrison, Emilio Fernandez-Egea, Rashid Zaman, Mark Agius, Jon S. Simons
Department of Psychology, University of Cambridge, UK; Behavioural and Clinical Neuroscience Institute, University of Cambridge, UK; Department of Psychiatry, University of Cambridge School of Clinical Medicine, UK; Cambridgeshire and Peterborough NHS Foundation Trust, UK; South Essex Partnership University NHS Foundation Trust, UK

A-0324
- 4. Patterns of brain activity associated with mind-wandering among young and older adults: An EEG study.**
 Léa Marie Martinon, Jonathan Smallwood, Colin Hamilton, Leigh Martin Riby
Northumbria University, Newcastle-upon-Tyne, UK; University of York, York, UK

A-0336
- 5. The role of right-dominant prefrontal theta oscillations during REM-sleep in the consolidation of emotional episodic memories.**
 Roxanne Sopp, Tanja Michael, Hans-Günter Weeß, Axel Mecklinger
*Clinical Psychology and Psychotherapy Unit, Saarland University, Saarbrücken, Germany
 Experimental Neuropsychology Unit, Saarland University, Saarbrücken, Germany
 Interdisciplinary Sleep Laboratory, Pfalzklinikum Klingenmünster, Klingenmünster, Germany*

A-0339
- 6. Learning item-position associations in immediate serial recall**
 Simon Fischer-Baum, Charli Holloway, Jill Warker
Rice University, Houston, USA University of Scranton, Scranton, USA

A-0347
- 7. The Paradoxical Effects of Prediction Error**
 Jeffrey D. Wammes, Vanessa L. Morris, Myra A. Fernandes
University of Waterloo, Waterloo, Canada

A-0348
- 8. The drawing effect: Learning terms and definitions**
 Jeffrey D. Wammes, Melissa E. Meade, Myra A. Fernandes
University of Waterloo, Waterloo, Canada

A-0349

9. **Evidence for separable serial order STM systems: A case study approach** A-0356
Yingxue Tian, Simon Fischer-Baum
Rice University, Houston, USA
10. **Sleep-dependent memory consolidation in children with sleep-disorders** A-0373
Eszter Csabi, Palma Benedek, Karolina Janacsek, Zsafia Zavec, Gabor Katona, Dezso Nemeth
Institute of Psychology University of Szeged, Szeged, Hungary Heim Pal Children Hospital, Budapest, Hungary Institute of Psychology Eötvös Loránd University, Budapest, Hungary
11. **The forward effect of testing in motor memory** A-0375
Tobias Tempel, Christian Frings
University of Trier, Germany
12. **Can testing effects be socially shared?** A-0376
Magdalena Abel, Henry L. Roediger
Regensburg University, Germany; Washington University in St. Louis, USA
13. **The nature of false recognition in Mesial Temporal Lobe Epilepsy: associative illusions make the difference.** A-0388
Mariana Cairós, Ruth Marrero-Abrante, José Flores, María A. Alonso
Universidad de La Laguna, Spain, Complejo Universitario de Canarias, Spain, Hospital Universitario Nuestra Señora de Candelaria, Spain, Instituto Universitario de Integración en la Comunidad (INICO), Salamanca, Spain
14. **No Fast Mapping learning advantage for healthy young adults in lexical integration** A-0392
Elisa Cooper, Andrea Greve, Richard N. Henson
Medical Research Council, Cognition and Brain Sciences Unit, Cambridge, UK
15. **Neural habituation to painful stimuli is modulated by dopamine: evidence from studies using EEG and pharmacological fMRI** A-0393
Eva M. Bauch, Christina Andreou, Nico Bunzeck
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Martinistrasse, 0 Hamburg, Germany Center for Gender Research und Early Detection, Kornhausgasse, 0 Basel, Switzerland Department of Psychology, University of Lübeck, Ratzeburger Allee 0, Lübeck, Germany
16. **Investigating the temporal dynamics of retrieving new “foil” semantic and phonological information** A-0395
David A. Vogelsang, Matthias Gruber, Zara M. Bergström, Charan Ranganath, Jon S. Simons
Department of Psychology, University of Cambridge, Downing Street, Cambridge CB 2EB, UK Behavioural and Clinical Neuroscience Institute, University of Cambridge, Downing site, CB 2EB, UK School of Psychology, Keynes College, University of Kent, Canterbury, Kent CT 2NP, UK Center for Neuroscience, University of California at Davis, CA, USA Department of Psychology, University of California at Davis, CA, USA

17. **Metamemory accuracy: the comparison of post-decision wagering and confidence ratings in action self-monitoring task.** A-0396
 Ewelina Cichoń, Łukasz Gawęda, Remigiusz Szczepanowski
SWPS University of Social Sciences and Humanities, Wrocław, Poland; Medical University of Warsaw, Warsaw, Poland
18. **Modulation of semantic and associative false recognition by transcranial Direct Current Stimulation (tDCS) of the left temporal lobe** A-0398
 Antonio M. Díez, Idaira Fernández, Carlos J. Gómez-Ariza, Emiliano Díez, María A. Alonso, Angel Fernandez
Universidad de Salamanca, Spain; Universidad de La Laguna, Spain; Universidad de Jaén, Spain; Instituto Universitario de Integración en la Comunidad INICO, Salamanca, Spain
19. **Altering the psychological distance of positive and negative events** A-0402
 S. Azrin Jamaluddin, Melanie K. T. Takarangi, Steve M. J. Janssen
University of Nottingham – Malaysia Campus, Semenyih, Malaysia; Flinders University, Adelaide, Australia
20. **Schemas facilitate memory for both congruent and incongruent information** A-0403
 A. Greve, E. Cooper, R. Tibon, A. Lopez, R. Henson
Cognition and Brain Sci. Unit, Cambridge, United Kingdom
21. **Extracting meaning from our personal past and future: a comparative view of the content and role of autobiographical reasoning for past and future events** A-0404
 Alexandra Ernst, Arnaud D'Argembeau
Psychology and Neuroscience of Cognition Unit, Department of Psychology, University of Liege, Belgium
22. **The influence of self-relevant and self-generated cues on autobiographical memory retrieval** A-0405
 Alexandra Ernst, Jef Durner, Chris J. A. Moulin
Psychology and Neuroscience of Cognition Unit, Department of Psychology, University of Liege, Belgium University of Burgundy, Dijon, France Laboratory of Psychology and NeuroCognition, LPNC UMR CNRS 0, Grenoble, France
23. **From mice to men: Improving human hippocampal memory with green tea** A-0409
 Andrea L. Wantz, Fred W. Mast
Department of Psychology, University of Bern, Bern, Switzerland
24. **Cortisol levels influence recognition of trauma related contents** A-0411
 Alexandra-Heike Gräbener, Johanna Lass-Hennemann, Elena Holz, Tanja Michael
International Research Training Group "Adaptive Minds" (GRK) Clinical Psychology and Psychotherapy Unit, Saarland University, Saarbrücken, Germany
25. **Hippocampal pattern completion at 7T-fMRI** A-0420
 Paula Vieweg, Carla Bilsing, Jennifer Faber, Rüdiger Stirnberg, Daniel Brenner, Tony Stöcker, Thomas Wolbers
Aging & Cognition Research Group, German Center For Neurodegenerative Diseases DZNE, Magdeburg, Germany German Center For Neurodegenerative Diseases DZNE, Bonn, Germany Neurology Clinic, University Hospital Bonn, Bonn, Germany Center for Behavioral Brain Sciences, Magdeburg, Germany

26. **Revisiting the misinformation effect: Does reconsolidation overwrite existing memories?** A-0421
Tom E. Hardwicke, David R. Shanks
University College London
27. **Boundaries between contextual fear memory reconsolidation and extinction** A-0422
Lindsey F. Cassini, Jonathan L. C. Lee, Charlotte R. Flavell
University of Birmingham, UK
28. **The Relationship between the Functions of Autobiographical Memory and Posttraumatic Stress Symptoms Varies with Age** A-0423
Adriana del Palacio-Gonzalez, Lynn A. Watson, Dorthe Berntsen
Center on Autobiographical Memory Research, Department of Psychology, Aarhus University, Denmark
29. **Retrieval induced updating of unfamiliar face memories** A-0440
Matthew Plummer, Zara Bergstrom, Stuart Gibson
University of Kent, Canterbury, United Kingdom
30. **On the relationship between implicit and explicit memory and processing fluency** A-0443
Chris Moulin, Jonathan Fortier
LPNC CNRS 0, Université Grenoble Alpes, France; LPPL EA, Université d'Angers, France
31. **Moving Towards Memory: Does the onset of independent locomotion enable more flexible episodic memory during the first postnatal year of human life?** A-0444
Alexandra Houston, Sinéad Mullally
Institute of Neuroscience, Newcastle University, UK
32. **Demonstrating a causal role for angular gyrus in autobiographical memory** A-0448
Heidi M. Bonnici, Lucy G. Cheke, Debbie Green, Jon S. Simons
School of Psychology, University of East Anglia, Norwich, UK Department of Psychology, University of Cambridge, Cambridge, UK
33. **Vocabulary acquisition during sleep** A-0459
Marc Alain Züst, Simon Ruch, Roland Wiest, Katharina Henke
Department of Psychology & Center for Cognition, Learning and Memory, University of Bern, Switzerland; Support Center for Advanced Neuroimaging (SCAN) & Institute of Diagnostic and Interventional Neuroradiology, University Hospital of Bern, Switzerland
34. **Sleep quality affects event-based prospective memory in a supine posture only: A hierarchical multinomial-model-based analysis** A-0460
Mateja F. Böhm, Ute J. Bayen, Marie Luisa Schaper
Heinrich-Heine-University, Düsseldorf, Germany
35. **Retrieval Induced Forgetting in Children with Autism Spectrum Disorders** A-0465
Robert Keasley, Jo Saunders, Phil Reed
Swansea University, Swansea, UK; University of Strathclyde, Glasgow, UK

36. **Social memory inflation: The consequences of lying on how a listener remembers their childhood memories** A-0471
 Jolee Davis, Charles Stone, Johanna Hellgren
John Jay College of Criminal Justice, New York, New York, USA
37. **Memory conjunction errors in recognition: Proposal of triple-process framework** A-0472
 Tetsuji Hirano, Takashi Tsukimoto
Osaka University of Human Sciences, Osaka, Japan; Gifu University, Gifu, Japan
38. **Memory consolidation during rest** A-0474
 Hui Zhang, Juergen Fell, Christian E. Elger, Nikolai Axmacher
Department of Neuropsychology, Institute of Cognitive Neuroscience, Faculty of Psychology, Ruhr University Bochum, Bochum, Germany; Department of Epileptology, University of Bonn, Bonn, Germany
39. **Updating memories in the hippocampus and medial prefrontal cortex** A-0475
 Silvy H.P. Collin, Branka Milivojevic, Christian F. Doeller
Donders Institute, Radboud University, Nijmegen, the Netherlands
40. **Investigating the neural basis of recollection processes in adults with autism** A-0483
 Rose Cooper, Franziska Richter, Simon Baron Cohen, Paul Bays, Jon Simons
Department of Psychology, University of Cambridge, Cambridge, UK; Autism Research Centre, Department of Psychiatry, University of Cambridge, Cambridge, UK
41. **Neural correlates of memory for internal thoughts versus external stimuli experienced in natural settings** A-0484
 David Stawarczyk, Olivier Jeunehomme, Arnaud D'Argembeau
University of Liège, Liège, Belgium
42. **Item-memory and source-memory predictions in schema-based source monitoring** A-0485
 Marie Luisa Schaper, Beatrice G. Kuhlmann, Ute J. Bayen, Armin-Laszlo Halbach
Heinrich Heine University Düsseldorf, Germany; University of Mannheim, Germany
43. **FLASHBULB MEMORIES: BEYOND THE CANONICAL CATEGORIES** A-0486
 Barbara Muzzolini, Federica Destefanis, Susanna Schmidt, Carla Tinti
Department of Psychology, Turin, Italy
44. **How Working Memory and Math Anxiety are Related to Math Performance in Primary School Children?** A-0488
 Maria Chiara Passolunghi, Sandra Pellizzoni, Fabio Del Missier
Department of Life Sciences-Psychology Unit "Gaetano Kanizsa", University of Trieste, via Weiss,, Trieste (TS), Italy; Department of Psychology, Stockholm University, Frescati Hagväg SE-0 Stockholm

45. **Resting state EEG activity as predictor of spatial working memory performance?** A-0489
 Adeline Jabès, Paolo Ruggeri, Pierre Lavenex
Laboratory for Experimental Research on Behavior, Institute of Psychology, University of Lausanne, Lausanne, Switzerland
46. **Investigating DRM false memories susceptibility in near-death experiencers** A-0493
 Charlotte Martial, Vanessa Charland-Verville, Hedwige Dehon, Steven Laureys
GIGA Research Center and Cyclotron Research Center, University and University Hospital of Liège, Liège, Belgium; Cognitive and Behavioral Clinical Psychology Unit, Psychology and Neuroscience of Cognition Research Unit (PsyNCog), University of Liège, Liège, Belgium
47. **Short nap is useful for retaining the representation of forgetting** A-0495
 Huang-Mou Lee
Department of Health Psychology, Chang Jung Christian University, Taiwan
48. **False Memories Within- and Across-Languages: A Portuguese-English Study** A-0498
 Pedro B. Albuquerque, Maria Soledad Beato, Sara Cadavid
University of Minho, Portugal; Universidad de Salamanca, Spain
49. **Accessibility and characteristics of memories of the future** A-0500
 Olivier Jeunehomme, Arnaud D'Argembeau
University of Liège, Liège, Belgium
50. **Does overgeneral retrieval style facilitate or inhibit intrusive memory? Its relation to depressive symptoms** A-0505
 Noboru Matsumoto, Toshihiko Sensui, Satoshi Mochizuki
University of Tsukuba, Ibaraki, Japan; Research Fellow of Japan Society for the Promotion of Science, Tokyo, Japan; Tokyo Seitoku University, Chiba, Japan
51. **Free and serial recall where inter-item spacing is compressed to mimic psychological time** A-0506
 Denis McKeown, Priya Varma
University of Leeds, UK
52. **The influence of environmental context on judgments of learning** A-0510
 Maciej Hanczakowski, Katarzyna Zawadzka
Cardiff University, UK; Nottingham Trent University, UK
53. **The effects of bilateral TMS on probabilistic sequence learning** A-0511
 Anna-B.C. Trimborn, Géza Gergely Ambrus, Karolina Janacsek, Gyula Kovács, Dezső Németh
Institute of Psychology, Friedrich Schiller University Jena, Germany Institute of Psychology, Eötvös Loránd University, Budapest, Hungary Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary
54. **Performance predictions and metamemory knowledge improve children's prospective memory performance** A-0512
 Milvia Cottini, Paola Palladino, Demis Basso
Department of Brain and Behavioral Sciences, University of Pavia, Italy; Faculty of Education, Free University of Bozen-Bolzano, Italy

55. **Implicit memory for the content but not the speaker of sleep-played messages** A-0514
 Simon Ruch, Romi Zäske, Marc Alain Züst, Stefan Robert Schweinberger, Katharina Henke
Department of Psychology, University of Bern, Bern, Switzerland; Center for Cognition, Learning and Memory, University of Bern, Bern, Switzerland; Department for General Psychology and Cognitive Neuroscience, Institute of Psychology, Friedrich Schiller University of Jena, Jena, Germany
56. **The stability of identity-representations acquired through brief exposure** A-0516
 Fabienne Windel, Géza Gergely Ambrus, Mike Burton, Gyula Kovács
Institute of Psychology, Friedrich Schiller University Jena, Germany University of York, United Kingdom University of Aberdeen, United Kingdom Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary
57. **Sleep's role in determining the fate of individual memories** A-0518
 James W. Antony, Luis R. Piloto, Larry Y. Cheng, Paula A. Pacheco, Ken A. Paller, Ken A. Norman
Princeton University, Princeton, NJ, USA; Northwestern University, Evanston, IL, USA
58. **A threshold for short-term memory consolidation** A-0519
 Michelle Ames, Denis McKeown, David Bunce
University of Leeds, Leeds, UK
59. **Relationships between false memory and working memory** A-0521
 Sara Cadavid, Maria Soledad Beato, Pedro B. Albuquerque
University of Minho Universidad de Salamanca
60. **Children Don't Fear the Robot Inquisition: The Effect on Memory of Misleading Information from a Robot** A-0522
 Deborah K. Eakin, Alexis Jones, Cindy Bethel, David May, Melinda Pilkinton, Zachary Henkel, Kristen Stives
Mississippi State University Mississippi State, Mississippi USA
61. **When our mind wanders, where does it go? Retrospective bias induced by verbal cues** A-0524
 Claudia Pelagatti, Igor Marchetti, Manila Vannucci
Department of NEUROFARBA - Section of Psychology, Florence, Italy; Department of Experimental-Clinical and Health Psychology, Ghent, Belgium
62. **High-resolution volumetric indices of hippocampal subregions and their association with autobiographical memory retrieval** A-0525
 Daniela J. Palombo, Agnes Bacopulos, Robert S.C. Amaral, Rosanna K. Olsen, Rebecca M. Todd, Adam K. Anderson, Brian Levine
VA Boston Healthcare System Jamaica Plain, Boston, USA; Boston University School of Medicine, Boston, USA; Rotman Research Institute, Toronto, Canada; McGill University, Montreal, Canada; University of Toronto, Toronto, Canada; University of British Columbia, Vancouver, Canada; Cornell University, Ithaca, USA

63. **Individual differences in thought control ability and item-method directed forgetting** A-0529
Tadashi Taga, Masanori Kobayashi, Jun Kawaguchi
Department of Psychology, Nagoya University, Aichi, Japan
64. **Exploring the relationship between empathy, compassion, and recognition memory performance for unfamiliar faces.** A-0530
Kyriaki Giannou, Karen Lander
The University of Manchester, Manchester, United Kingdom
65. **Whom can I trust? Discrimination of social source reliability in a memory conformity paradigm** A-0533
Aleksandra Krogulska, Katarzyna Zawadzka, Maciej Hanczakowski
Jagiellonian University, Cracow, Poland; Nottingham Trent University, UK; Cardiff University, UK
66. **Spontaneous Activation of Event Details in Episodic Future Thinking** A-0534
Yuichi Ito, Jun Kawaguchi
Keio University, Tokyo, Japan; Nagoya University, Nagoya, Japan
67. **Neural activity during a subsequent memory task differentiates APOE-e4 carriers at young and mid age.** A-0535
Simon Evans, Fenella Prowse, Nicholas G Dowell, Naji Tabet, Sarah L King, Sam Hutton, Jennifer M Rusted
School of Psychology, University of Sussex, Brighton, UK; Brighton and Sussex Medical School (BSMS), Brighton, UK
68. **Whole-brain connectivity during post-encoding rest predicts immediate and delayed memory retrieval for extended naturalistic film clips** A-0537
Buddhika Bellana, Tarek Amer, Melanie J. Sekeres, Morris Moscovitch, Cheryl L. Grady
University of Toronto, Canada; Rotman Research Institute, Baycrest, Toronto, Canada
69. **Stimulus-specific similarity of neural activity at encoding and retrieval supports memory formation** A-0543
Lukas Kunz, Hui Zhang, Jürgen Fell, Nikolai Axmacher
University of Bonn, Bonn, Germany; German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany; Ruhr-University Bochum, Bochum, Germany
70. **The benefits of actions at presentation and recall on following instructions in attention-deficit hyperactivity disorder (ADHD)** A-0544
Tian-xiao Yang, Richard J. Allen, Joni Holmes, Raymond C.K. Chan
Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, China School of Psychology, University of Leeds, Leeds, UK MRC Cognition & Brain Sciences Unit, Chaucer Road, Cambridge, UK

71. **The temporal dynamics of the involvement of rhinal and hippocampal structures in visual recognition memory** A-0547
 Elodie Despouy, Martin Deudon, Jakub Kopal, Maxime Alloyer, Luc Valton, Jean-Christophe Sol, Jean-Albert Lotterie, Marie Denuelle, Emmanuel J. Barbeau
Centre de Recherche Cerveau et Cognition UMR, Toulouse, France; CHU Purpan, Toulouse, France; DIXI Medical, Besançon, France
72. **ApoE4 in mild cognitive impairment prevents the activation of successful compensatory mechanisms during memory retrieval** A-0549
 Laura Prieto del Val, Jose L. Cantero, Mercedes Atienza
Laboratory of Functional Neuroscience, CIBERNED (Network Center for Biomedical Research in Neurodegenerative Diseases), Pablo de Olavide University, Seville, Spain
73. **EEG Correlates of Continuous Change Detection and Working Memory Capacity** A-0556
 Daniel Labbé, Nikolai Axmacher
Ruhr-University Bochum, Germany
74. **Changing our automatisms: the effect of implicit and explicit processes** A-0562
 Emese Szegedi-Hallgató, Karolina Janacsek, Anna Bálint, Emőke Adrienn Hompoth, Leila Kerepes, Lia Tasi, Teodóra Vékony, Dezso Németh
University of Szeged, Institute of Psychology, Szeged, Hungary; Eötvös Lóránd University, Institute of Psychology, Budapest, Hungary; Hungarian Academy of Sciences, Institute of Cognitive Neuroscience and Psychology, NAP-B Brain, Memory and Language Lab, Budapest, Hungary; University of Szeged, Department of Obstetrics and Gynecology, Szeged, Hungary
75. **Threat anticipation during encoding impairs visual object pattern separation** A-0566
 Joseph E. Dunsmoor, Marijn CW Kroes, Stephen Braren, Elizabeth A. Phelps
New York University, New York, NY, USA; Hunter College, New York, NY, USA
76. **Sleep enhances overgeneralisation only when there are few competitor memories** A-0568
 Hikaru Tsujimura, Sonja Kotz, Alessandra Tafuro, Penny Lewis
University of Manchester, Manchester, United Kingdom; Maastricht University, Maastricht, Netherlands; University of Padova, Padova, Italy; Cardiff University, Cardiff, United Kingdom
77. **Are episodic memory differentially related to the effects of test-enhanced learning compared to group discussions?** A-0569
 Carola Wiklund-Hörnqvist, Bert Jonsson, Tova Stenlund
Department of Psychology, Umeå University, Sweden
78. **Behavioral and Neurophysiological Perspectives on Lexical Decision-Primed False Memories** A-0570
 Michael P. Toglia, Joseph Schmuller, Milena Korostenskaja, Eduardo M. Castillo, Natasha N. DeMeo
University of North Florida, Jacksonville, USA; Florida Hospital for Children, Orlando, USA
79. **Interviewing to detect deception: The effect of Model Statements emphasising spatial and temporal details for eliciting veracity cues** A-0571
 Cody Porter, Aldert Vrij, Sharon Leal, Zarah Vernham
University of Portsmouth (UoP), Department of Psychology

80. **Random order reconstruction: a novel order memory task appropriate for cross-modal comparison** A-0573
 Andrew J. Johnson, Rachel Skinner, Christopher Miles
Department of Psychology, Bournemouth University, UK
81. **Oscillatory entrainment in episodic memory consolidation** A-0574
 Maria Carmen Martín-Buro, Maria Wimber, Richard N Henson, Bernhard P Staresina
Laboratory of Cognitive and Computational Neuroscience (UCM-UPM), Center for Biomedical Technology, Madrid, Spain; Department of Basic Psychology II, Complutense University of Madrid, Madrid, Spain; University of Birmingham, School of Psychology, Birmingham, UK; MRC Cognition & Brain Sciences Unit, Cambridge, UK
82. **Familiarity with spatial context precludes the encoding of novel information** A-0575
 Iva K. Brunec, Morgan D. Barense, Morris Moscovitch
Department of Psychology, University of Toronto, Canada Rotman Research Institute, Baycrest Health Sciences, Toronto, Canada
83. **Between-Stream Similarity Under Free Recall in a Proactive Interference Paradigm** A-0576
 Madeleine Arber, Gerald Tehan, Georgina Anne Tolan
University of Southern Queensland; Australian Catholic University
84. **Influence of test format and test format combination on testing effect: Not test produces better retention** A-0580
 Daisuke CHO
Hosei university, Tokyo, Japan
85. **Externalizing mental context reinstatement with closed-loop neurofeedback to support memory retrieval** A-0583
 Megan T. deBettencourt, Nicholas B. Turk-Browne, Kenneth A. Norman
Princeton Neuroscience Institute, Princeton University, Princeton, NJ Department of Psychology, Princeton University, Princeton, NJ
86. **Investigating the determinants of the frequency effect in serial recall: A meta-analysis** A-0584
 Leonie M. Miller, Steven Roodenrys
University of Wollongong, Australia
87. **The intricacy of interference in verbal short-term memory** A-0585
 Steven Roodenrys, Sophie Scott, Leonie Miller
University of Wollongong, Wollongong, Australia
88. **Metacognition that a cognitive task makes a following recognition task difficult causes the revelation effect** A-0587
 Hiroshi Miura, Yuji Itoh
Keio University, Tokyo, Japan

89. **Can providing a DON'T KNOW option reduce the influence of a suggestive interviewer?: A comparison of repeated identification procedures between show-up and simultaneous lineup.** A-0588
 Yui Fukushima, Yukio Itsukushima
The Institute of Humanities and Social Sciences, Nihon University, Tokyo, Japan College of Humanities and Sciences, Nihon University, Tokyo, Japan
90. **Discrete networks underlie learning to recognise conscious and non-conscious sequences of events** A-0590
 Clive R. Rosenthal, Samantha R. Andrews, Thomas D. Miller, Christopher Kennard, David Soto
Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, UK; Department of Experimental Psychology, University of Oxford, Oxford, UK; Basque Center on Cognition, Brain and Language, San Sebastian, Spain; and, Ikerbasque, Basque Foundation for Science, Bilbao, Spain
91. **Response activation by repetition priming: An LRP study** A-0595
 Christian Valt, Birgit Stürmer, Werner Sommer, Stephan Boehm
International Psychoanalytic University, Berlin, Germany; Humboldt University, Berlin, Germany; Bangor University, UK
92. **Age differences in representational specificity and cortical reinstatement during episodic memory: A multivariate fMRI investigation** A-0650
 Alexandra N Trelle, Jon S Simons, Richard N Henson
University of Cambridge; MRC Cognition & Brain Sciences Unit
93. **Predictors of the long-term retention of a unique experience in young children** A-0651
 Ineke Wessel, Josephien Jansen, Sophie Lammertink, Eline Nanninga
University of Groningen, The Netherlands
94. **Consolidating new semantic information during word learning: does prior knowledge help?** A-0652
 Emma James, Lisa Henderson, Gareth Gaskell
Department of Psychology, University of York, UK
95. **Spontaneous recognition: Underlying neural mechanisms and the role of confidence.** A-0655
 Fatma Ebru Ates, Dinkar Sharma, Zara Bergstrom
University of Kent, Canterbury, UK
96. **Slow rTMS over left DLPFC unexpectedly enhances memory encoding** A-0656
 Verena Braun, Simon Hanslmayr
School of Psychology, University of Birmingham, Birmingham, United Kingdom
97. **False memories in schizophrenia patients. The comparison of different memory distortion paradigms** A-0659
 Joanna Ulatowska, Maryla Sawicka
Institute of Applied Psychology, Maria Grzegorzewska University, Warsaw, Poland

98. **Effect of test placement on learning of educational materials** A-0667
Oyku Uner, Henry L. Roediger III
Washington University in St. Louis, St. Louis, US
99. **Effect of confidence scale type on confidence-accuracy relationship** A-0668
Eylul Tekin, Henry L. Roediger III
Washington University in St. Louis, St. Louis, US
100. **Remembering faces you don't trust: Brain potentials during encoding and recognition** A-0670
Mathias Weymar, Martin Junge, Alfons O. Hamm, Alexander Lischke
Institute of Psychology, University of Greifswald, Greifswald, Germany
101. **Sleep-mediated memory consolidation depends on the level of integration at encoding** A-0671
Lea Himmer, Steffen Gais, Monika Schönauer
Institute of Medical Psychology and Behavioral Neurobiology, Eberhard Karls Universität, Tübingen, Germany
102. **Exploring the equivalence of the paper-and-pencil and the web-based version of the Prospective and Retrospective Memory Questionnaire** A-0672
Diana R. Pereira, Pedro B. Albuquerque
Neuropsychophysiology Lab, CIPsi, School of Psychology, University of Minho, Braga, Portugal Human Cognition Lab, CIPsi, School of Psychology, University of Minho, Braga, Portugal
103. **Do you know what you don't know? 'Don't know' responding to answerable and unanswerable questions.** A-0674
Aleksandra Krogulska, Zuzanna Skóra, Alan Scoboria, Maciej Hanczakowski, Katarzyna Zawadzka
Jagiellonian University, Poland; University of Windsor, Canada; Cardiff University, UK; Nottingham Trent University, UK
104. **Source memory for DRM-paradigm illusion in face-to-face interaction** A-0677
Valeria A. Gershkovich, Matvey I. Nelubov
Saint Petersburg State University, Saint Petersburg, Russia
105. **The effect of social context on implicit sequence learning** A-0681
Katinka Dobrotka, Ivett Podina, Karolina Janacsek, Dezso Nemeth
Institute of Psychology, Eötvös Loránd University, Budapest, Hungary MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary
106. **The brain systems underpinning cross-situational learning** A-0684
Sam Berens, Jessica Horst, Chris Bird
School of Psychology, University of Sussex, UK

107. **Guess and knowledge through confidence testing in a multiple-choice memory test** A-0686
 Malen Migueles, Elvira García-Bajos, Alaitz Aizpurua
University of the Basque Country UPV/EHU, Donostia-San Sebastián, Spain
108. **Memory for end-of-life support preferences** A-0687
 Elvira García-Bajos, Malen Migueles
University of the Basque Country UPV/EHU, Donostia-San Sebastián, Spain
109. **Word orientation as a new candidate for list composition effects in free recall** A-0688
 Victor W. Sungkhasettee, Henry L. Roediger III
Washington University in St. Louis, St. Louis, Missouri, United States of America
110. **Predicting span in Alzheimer's disease** A-0689
 Julie Bertrand, Chris Moulin, Olivier Rouaud, Sophie Guillemin, Céline Souchay, Yannick Béjot
Unité de recherche EA, Centre d'épidémiologie de populations et de santé publique de Bourgogne, France (CEP) Laboratoire de Psychologie et NeuroCognition, LPNC UMR CNRS 0, Université de Grenoble Alpes, France Centre Mémoire Ressources et Recherche (CMRR), Hôpital François Mitterrand, Dijon, France
111. **I recognise your face, but who are you again? The effect of set size on face recognition.** A-0691
 Alicia Nortje, Colin Tredoux, Annelies Vredeveldt
University of Cape Town, Cape Town, South Africa; Vrije Universiteit Amsterdam
112. **Tactile Ranschburg effects: facilitation and inhibitory repetition effects analogous to verbal memory** A-0699
 Daisy Roe, Andrew J. Johnson
Department of Psychology, Bournemouth University, UK
113. **Language use modulates relational semantic processing** A-0705
 Eugenia Marin-Garcia, Pedro M. Paz-Alonso
Basque Center on Cognition, Brain and Language (BCBL)
114. **Prior Knowledge Effects on Memory: Are there Age-Related Differences?** A-0708
 Garvin Brod, Yee Lee Shing
Max Planck Institute for Human Development University of Stirling
115. **CA3 lesion-mediated episodic amnesia impairs recognition memory for non-spatial discontinuous associations** A-0710
 Thomas D. Miller, Trevor T.-J. Chong, Anne M. Aimola Davies, Michael R. Johnson, Sarosh R. Irani, Christopher Kennard, Penny A. Gowland, Clive R. Rosenthal
Department of Clinical Neurosciences, University of Oxford, Oxford, UK; National Hospital for Neurology and Neurosurgery, London; Department of Psychology, Macquarie University, Sydney, Australia; Department of Experimental Psychology, University of Oxford, Oxford, UK; Division of Brain Sciences, Imperial College London, London, UK; and, University of Nottingham, Nottingham, UK

116. **Time-based prospective memory in Parkinson's disease mild cognitive impairment with and without medication** A-0713
 Ondrej Bezdicek, Mareike Altgassen, Jan Roth, Filip Růžička, Evžen Růžička, Robert Jech
Department of Neurology and Centre of Clinical Neuroscience, Charles University in Prague, First Faculty of Medicine and General University Hospital in Prague, Czech Republic Radboud University Nijmegen, The Netherlands Technische Universitaet Dresden, Germany
117. **Accelerated forgetting following acute chemotherapy treatment** A-0718
 Oana C. Lindner, Andrew Mayes, Martin G. McCabe, Deborah Talmi
University of Manchester; The Christie NHS Foundation Trust
118. **Musical mood induction procedure on working memory performance: Does Valence matter?** A-0719
 Fabiana Silva Ribeiro, Pedro B. Albuquerque, Flávia Heloísa Santos
Laboratory of Human Cognition, University of Minho, Braga, Portugal
119. **Predicting recognition – The asymmetric relationship between predictions and recognition experiences** A-0889
 Marina P Gross, Ian G Dobbins
Washington University in St. Louis, St. Louis, MO, USA
120. **Enhancement of memory integration through action** A-0129
 Anthony Macri, Arthur Boisson, Rémy Versace
Laboratoire d'Etude des Mécanismes Cognitifs (EMC), Lyon, France
121. **Emotional False Memories for Pictorial Scripted Material: The Role of Distinctiveness** A-0763
 Enrico Toffalini, Chiara Mirandola, Carla De Simone Irace, Cesare Cornoldi
University of Padova, Italy
122. **The neural substrate of lateralized working memory representations** A-0937
 Sabrina Brigadoi, Simone Cutini, Federica Meconi, Marco Castellaro, Paola Sessa, Mattia Marangon, Alessandra Bertoldo, Pierre Jolicœur, Roberto Dell'Acqua
Department of Developmental Psychology, University of Padova, Padova, Italy Department of Information Engineering, University of Padova, Padova, Italy Department of Social Sciences, Adam Mickiewicz University, Poznań, Poland Département de Psychologie, Université de Montréal, Montréal, Québec, Canada Centre for Cognitive Neuroscience, University of Padova, Padova, Italy

DAILY DETAILED PROGRAM

WEDNESDAY, 20 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K6 KEYNOTE SESSION VI Lila Davachi							
09:20-09:30	Break							
09:30-11:30	S0151 Social Aspects of Memory: Building a collective memory through collaborative remembering I William Hirst, Suparna Rajaram	I012 Retrieval processes II Janina A. Hoffmann	S0045 The neurocognitive mechanisms of prospective memory development Mareike Altgassen, Daniel P. Sheppard, Judi A. Ellis	I021 Forgetting I Paula Hertel	S0032 Insights into memory using the case study approach Scott Cole, Kata Pauly-Takacs, Martin A. Conway	S0026 Advances in high-resolution imaging of the MTL - Structural and functional development Andrew R. Bender, Attila Keresztes	I143 Emotion and memory I Mara J. Richman	S0008 Modulation of replay for sleep-dependent memory consolidation Gordon B. Feld, Thomas Schreiner
11:30-12:00	Coffee Break							

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
12:00-14:15	S0152 Social Aspects of Memory: Building a collective memory through collaborative remembering II William Hirst, Suparna Rajaram	S0014 Shaping memories via reactivation Maria Wimber, Chris Bird, Yadin Dudai	S0020 When remembering is a challenge: visual working memory and aging Hubert D. Zimmer	S0024 Neurocircuitry of episodic memory as revealed by neurodegenerative disorders Muireann Irish, Michael Kopelman	S0058 Neural Basis of Prospective Memory Nicolas Rothen, Beat Meier	S0013 Theoretical and legal issues related to autobiographical belief and recollection Henry Otgaar, Mark L. Howe	S0054 New Perspectives on Childhood Memory Sami Gülgöz, Qi Wang, David B. Pillemer	I082 Working memory II Geoffrey F. Woodman
14:15-14:25	Break							
14:25-15:25	K7 KEYNOTE SESSION VII Andrew Yonelinas							

ROOM 1

K6

KEYNOTE SESSION VI

WEDNESDAY, 20 JULY 2016 | 08:30-09:20 | ROOM 1

Chair: Mihaly Racsmany

1. **KEYNOTE LECTURE: The temporal structure of episodic memory** A-1076
Lila Davachi
New York University

S0151

SOCIAL ASPECTS OF MEMORY: BUILDING A COLLECTIVE MEMORY THROUGH COLLABORATIVE REMEMBERING I

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 1

Chair: William Hirst, Suparna Rajaram

Discussant: William Hirst

In the last two decades, instead of controlling for social influences on memory, as Ebbinghaus recommended, many students of memory have actively studied them, investigating how social interactions, either within a conversation or through cultural artifacts, influence both what is recollected while remembering and what is subsequently recalled. In doing so, they have explored the dynamics underlying the formation of not just individual, but collective memories. The proposed symposium provides a broad perspective and multiple levels of analysis of this burgeoning area of research in order to illustrate the richness of the topic. Papers address issues such as: (1) Collaborative remembering (Sutton), (2) Cultural effects on autobiographical memory (Bohn, Rasmussen), (3) Transmission of memories, especially across generations (Coman, Fivush, van der Haegan, Rajaram, Stone), (5) Communicational effects and psychological mechanisms underlying collective memory formation (Echterhoff, Hirst, Meade), (6) Collective mental time travel (Topcu) and (7) Mental representations of collective memory (Brown, Roediger). The organizers lead discussions of the next steps for the study of the social aspects of memory.

1. **Collaborative remembering as skilled action** A-0216
John Sutton, Celia B. Harris, Amanda J. Barnier
Macquarie University, Sydney, Australia
2. **Transmission of emotional memories in different social networks** A-0217
Suparna Rajaram, Hae-Yoon Choi, Elizabeth A. Kensinger
Stony Brook University, Stony Brook, NY, USA; Boston College, Boston, MA, USA
3. **Personal characteristics influence the social contagion of memory** A-0218
Michelle L. Meade, Perga J. Pust, Katie M. Hart, Matthew K. Vess
Montana State University, Bozeman, MT, USA
4. **Socially shared retrieval-induced forgetting: A mechanism for collective memory formation** A-0219
William Hirst, Martin Fagin, Robert Meksin
New School for Social Research, New York, NY USA

ROOM 1

5. **Intergenerational narratives and personal identity** A-0220
Robyn Fivush
Emory University, Atlanta, GA, USA

6. **Conflicting memories of World War II** A-0221
Henry L. Roediger, Magdalena Abel, Sharda Umanath, Ruth A. Shaffer, James V. Wertsch
Washington University, St. Louis, MO, USA; University of Regensburg, Regensburg, Germany; Claremont-McKenna College, Claremont, CA, USA

S0152

SOCIAL ASPECTS OF MEMORY: BUILDING A COLLECTIVE MEMORY THROUGH COLLABORATIVE REMEMBERING II

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 1

Chair: William Hirst, Suparna Rajaram

Discussant: Suparna Rajaram

In the last two decades, instead of controlling for social influences on memory, as Ebbinghaus recommended, many students of memory have actively studied them, investigating how social interactions, either within a conversation or through cultural artifacts, influence both what is recollected while remembering and what is subsequently recalled. In doing so, they have explored the dynamics underlying the formation of not just individual, but collective memories. The proposed symposium provides a broad perspective and multiple levels of analysis of this burgeoning area of research in order to illustrate the richness of the topic. Papers address issues such as: (1) Collaborative remembering (Sutton), (2) Cultural effects on autobiographical memory (Bohn, Rasmussen), (3) Transmission of memories, especially across generations (Coman, Fivush, van der Haegan, Rajaram, Stone), (5) Communicational effects and psychological mechanisms underlying collective memory formation (Echterhoff, Hirst, Meade), (6) Collective mental time travel (Topcu) and (7) Mental representations of collective memory (Brown, Roediger). The organizers lead discussions of the next steps for the study of the social aspects of memory.

1. **Influence of communication with experts on lay people's memory for inconsistent scientific evidence** A-0222
Gerald Echterhoff, Judith Knäusenberger
University of Münster

2. **Intergenerational mnemonic transmission in Belgian, Hungarian, and Hungarian Jewish families** A-0223
Aurélie van der Hagen, Eva Fulop, Pal Kovago, Olivier Luminet
Université Catholique de Louvain, Louvain, Belgium; Pázmány Péter Catholic University, Budapest, Hungary

3. **"Never forget": An examination of the intergenerational transmission of 9/11 memories** A-0224
Charles B. Stone, William Hirst
John Jay College of Criminal Justice, New York, NY, USA; New School for Social Research, New York, NY, USA

ROOM 1

4. **In 1980, there was an outbreak of cholera and famine: Life story memories of the Ik of Uganda** A-0225
Annette Bohn, Rane Willerslev, Lotte Meinert
Aarhus University, Aarhus, Denmark
5. **Past and future event narratives in three clinical patient groups and a healthy control group** A-0226
Anne Rasmussen, Carsten R. Jørgensen, Maja O'Connor, Birgit E. Bennedsen, Kristine D. Godt, Rikke Boye, Dorthe Berntsen
Aarhus University, Aarhus, Denmark; Aarhus University Hospital, Aarhus, Denmark
6. **Collective future thinking: The role of event specificity, perceived agency, and identity** A-0227
Meymune Topcu, William Hirst
New School for Social Research, New York, NY, USA
7. **Social exclusion facilitates mnemonic convergence on conspiratorial information** A-0228
Alin Coman, Damaris Graeupner
Princeton University, Princeton, NJ, USA
8. **Living in history: How (and when) collective transitions organize autobiographical memory** A-0229
Norman R. Brown
University of Alberta, Edmonton, Alberta, Canada

K7

KEYNOTE SESSION VII

WEDNESDAY, 20 JULY 2016 | 14:25-15:25 | ROOM 1

Chair: Lynn Nadel

1. **KEYNOTE LECTURE: The MTL in memory, perception and emotion: The promiscuous hippocampus** A-1060
Andrew Yonelinas
University of California, Davis

ROOM 2

I012 RETRIEVAL PROCESSES II

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 2

Chair: Janina A. Hoffmann

1. **Is testing a more effective learning strategy than note-taking?** A-0417
Ralf Rummer, Judith Schweppe, Kathleen Gerst
University of Erfurt, Germany; University of Bremen, Germany
2. **Verbatim vs. gist sentence recall: Effects on processing and recall performance** A-0509
Judith Schweppe, Almut Ketzer-Nöltge, Ralf Rummer
University of Erfurt, Germany
3. **Cue-independent memory impairment by reactivation-coupled interference in human declarative memory** A-0527
Zijian Zhu, Yingying Wang, Zhijun Cao, Biqing Chen, Huaqian Cai, Yanhong Wu, Yi Rao
Peking-Tsinghua Center for Life Sciences, Academy for Advanced Interdisciplinary Studies, Peking University, Beijing, Chinarn State Key Laboratory of Biomembrane and Membrane Biology at the School of Life Sciences, Peking University, Beijing, Chinarn Department of Psychology, Beijing Key Laboratory of Behavior and Mental Health, and Key Laboratory of Machine Perception (Ministry of Education), Peking University, Beijing, Chinarn School of Electronics Engineering and Computer Science, Peking University, Beijing, Chinarn PKU-IDG/McGovern Institute for Brain Research, Peking University, Beijing, Chinarn
4. **Frequent Testing in the Classroom Promotes Mastery of New Concepts** A-0563
Ayanna K. Thomas, Leamarie T. Gordon, Amy Smith, Kanika Kamal
Tufts University Assumption College
5. **Deviations from a schema: Effects of changes of content and order on remembering repeated events** A-0603
Eva Rubinova, James Ost, Hartmut Blank, Ryan Fitzgerald
Department of Psychology, University of Portsmouth, United Kingdom
6. **Tracing the path of forgetting in rule abstraction and exemplar retrieval** A-0661
Janina A. Hoffmann, Bettina von Helversen, Regina A. Weilbacher, Jörg Rieskamp
University of Konstanz, Germany; University of Zurich, Switzerland; University of Basel, Switzerland
7. **Gaze position enhances memory accessibility during competitive memory retrieval** A-0792
Roger Johansson, Mikael Johansson
Department of Psychology, Lund University

ROOM 2

S0014 SHAPING MEMORIES VIA REACTIVATION

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 2

Chair: Maria Wimber, Chris Bird
Discussant: Yadin Dudai

Memories are not static records of events laid down at the point of encoding. As Bartlett and others appreciated, our memories evolve over time and may change every time that they are retrieved. Nevertheless, it is only recently that we have started to define the neural and psychological processes that underpin these reactivation-induced changes. In this symposium, we bring together a group of world-class researchers whose work has significantly advanced this exciting new field. The various contributors will discuss the differential role that reactivation plays in shaping a (neural) memory trace, including 'online' reactivation occurring during active retrieval and new learning, and 'offline' reactivation during post-acquisition rest and sleep.

1. **Consolidation of lifelike events via active rehearsal** A-0135
Chris Bird
University of Sussex, UK
2. **Active retrieval, binding, and the structure of episodic memories** A-0131
Donna Bridge
Northwestern University Feinberg School of Medicine, Illinois, USA
3. **Neural signals of memory reactivation during sleep** A-0130
Jessica Creery, Ken Paller
Northwestern University, Illinois, USA
4. **Hippocampal-prefrontal theta oscillations support memory integration** A-0136
Christian Doeller, Alexander Backus
Donders Centre for Cognitive Neuroimaging, Nijmegen, Netherlands
5. **The construction of coherent event engrams across time via shared content** A-0175
Aidan Horner
Institute of Cognitive Neuroscience, London, UK; York University, UK
6. **Memory reactivation during rest promotes future learning** A-0128
Alison R. Preston
University of Texas, Austin, Texas, USA
7. **Adaptive memory up- and down-regulation via active retrieval** A-0127
Maria Wimber
University of Birmingham, UK

ROOM 3

S0045

THE NEUROCOGNITIVE MECHANISMS OF PROSPECTIVE MEMORY DEVELOPMENT

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 3

Chair: Mareike Altgassen, Daniel P. Sheppard

Discussant: Judi A. Ellis

Remembering to go to a doctor's appointment at 3 o'clock or remembering to pass a message to a family member when you see him next are so-called prospective memory (PM) tasks. PM refers to the self-initiated delayed execution of intended actions. PM performance develops across the lifespan in an inverted u-shaped pattern, showing an increase in performance across childhood and adolescence to young adulthood, and a decrease in old age. However, very little is known about the developmental processes that may be associated with these age differences. Previous studies indicate that successful prospective remembering involves retrospective memory (e.g., remembering what needs to be done and when), executive functioning (e.g., monitoring for the prospective event or target time, inhibition of other ongoing activities at the appropriate moment and switching to the intended action) and possibly also the ability to shift perspective from the immediate present to alternative perspectives (so-called mental self-projection). However, to date it is still unclear whether the rise and fall of PM performance across the lifespan relies on the same or different mechanisms. This symposium will address this question and present and discuss various studies across the lifespan that focus both on typical and atypical development.

- 1. Future thinking improves children's prospective memory in social and neutral prospective memory tasks** A-0550
Anett Kretschmer, Katharina M. Schnitzspann, Mareike Altgassen
Technische Universität Dresden, Germany; University of Aberdeen, School of Psychology; Radboud University, NL
- 2. Sensory salience and prospective memory in autistic children** A-0551
Daniel P. Sheppard, Mareike Altgassen
Radboud University, NL; Technische Universität Dresden, Germany
- 3. Event-, time- and activity-based prospective memory in children with ADHD** A-0552
Tian-xiao Yang, Yanyu Wang, Ying Qian, Raymond C.K. Chan
Chinese Academy of Sciences, China; Weifang Medical University, China; Peking University, China
- 4. How intentions modulate attention in the Eriksen flanker task** A-0553
Anna-Lisa Cohen, Gesine Dreisbach
Yeshiva University, New York, USA; University of Regensburg, Germany
- 5. Stay focused! Adding prospective memory demands to a task causes a stronger on-task focus** A-0554
Jan Rummel, Bridget A. Smeekens, Michael J. Kane
University of Heidelberg, Germany; University of North Carolina at Greensboro, USA

ROOM 3

6. **Acute psychosocial stress effects on time-based prospective memory in young and older adults** A-0555

Katharina Schnitzspahn, Franziska Plessow, Clemens Kirschbaum, Matthias Kliegel
University of Aberdeen, UK; Harvard Medical School, USA; Technische Universitaet Dresden, Germany; University of Geneva, Switzerland

S0020

WHEN REMEMBERING IS A CHALLENGE: VISUAL WORKING MEMORY AND AGING

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 3

Chair: Hubert D. Zimmer

The capacity of visual working memory (VWM) is highly limited even in the optimal phase in one's lifespan. If this capacity further decreases with aging, remembering quickly becomes a challenge. Hence, understanding the underlying mechanisms behind the worsening of WM would be advantageous. Knowing which aspects of WM decline and which are preserved may offer a possibility to enhance VWM or to offer environmental support if training is not possible. Analyzing VWM performance may also allow an early identification of people being at risk of pathological aging. To this aim, in the symposium I bring together people from basic research with those who have a more applied focus. Data from behavioral electrophysiological and brain imaging studies will be reported. Some authors will present results from laboratory research on VWM focusing on mechanisms that may be differentially affected by healthy and pathological aging, e.g., binding mechanisms. Others will present research using VWM performance as diagnostic tool and as a method to understand the reasons causing different forms of memory impairments.

1. **Dissociating age-related deficits in relational and conjunctive binding in visual working-memory** A-0490
Alexander Kirmsse, Hubert D. Zimmer
Saarland University, Saarbrücken, Germany
2. **Not dedifferentiation, but distinction in aging: reserve and decline in visual working memory and processing speed** A-0491
Iris Wiegand
University of Copenhagen, DK
3. **Selective attention to visual working memory representations in older and younger adults** A-0492
Philip C. Ko, Geoffrey Woodman, Brandon A. Ally
Vanderbilt University Medical Center, US Vanderbilt University, US
4. **Stuck in default mode: dysfunctional neural synchronisation in the elderly** A-0494
Paul Sauseng, Diego Pinal, Fernando Diaz, Montserrat Zurrón
Ludwig-Maximilian-University, Munich, Germany University of Santiago de Compostela, Spain
5. **Rapid forgetting over seconds in health and disease** A-0496
Masud Husain, Yoni Petzov, Nahid Zokaei
University of Oxford, UK; Hebrew University, Jerusalem, Israel

ROOM 3

6. **Associative working memory in ageing, MCI and Alzheimer's dementia: episodic buffer impairment or long-term deficit?** A-0497
Roy P.C. Kessels
Radboud University & Radboud University Medical Center, Nijmegen
7. **EEG-signatures of memory binding deficits in patients with different risks of Alzheimer's disease** A-0499
Serge Hoefijzers, Clara Calia, Agustin Ibañez Marcos Pietto, Natalia Trujillo, Sandra Baez, Francisco Lopera, Facundo Manes, Sergio Della Sala, John Starr, Mario Alfredo Parra
Heriot-Watt University, UK; Institute of Cognitive Neurology, Argentina; Neuroscience Group of Antioquia, University of Antioquia, Colombia; University of Edinburgh, UK
8. **Dissociating neural correlates of memory binding functions in prodromal stages of AD** A-0502
Clara Calia, Sara Fernandez Guinea, Ana Frank, Javier Olazarán, Serge Hoefijzers, Juan Antonio Hernandez Tamames, Juan Alvarez Linera, Sergio Della Sala, Mario Alfredo Parra
Heriot-Watt University, UK; Complutense University of Madrid; Hospital Universitario La Paz, Madrid, Hospital Universitario Gregorio Marañón, Madrid, University Rey Juan Carlos, Madrid, Ruber International Hospital, Madrid; University of Edinburgh

ROOM 4

I021 FORGETTING I

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 4

Chair: Paula Hertel

1. **Both instruction to forget and simple repetition can aid forgetting words people have learned by heart.** A-0064
Alena Gofman, Veronika Nourkova, Michail D.Kozlov
Lomonosov Moscow State University; Leibniz-Institut fuer Wissensmedien, Germany
2. **A multinomial modeling approach to separating storage and retrieval processes in list-method and item-method directed forgetting** A-0154
Ivan Marevic, Jan Rummel, Beatrice G. Kuhlmann
Heidelberg University, Heidelberg, Germany University of Mannheim, Mannheim, Germany
3. **Involvement of the Basal Ganglia in Memory Suppression and Motor Inhibition: Meta-Analytic Evidence** A-0202
Yuhua Guo, Taylor W. Schmitz, Catarina Ferreira, Michael C. Anderson
MRC Cognition and Brain Sciences Unit, Cambridge, UK; University of Cambridge, Cambridge, UK; University of Birmingham
4. **Attentional Consequences of Thought Suppression** A-0210
Paula Hertel, Nilly Mor, Amaris Maydon
Trinity University, USA, Hebrew University, Israel
5. **Cue-independent Forgetting by Intentional Suppression -- Evidence for Inhibition as the Mechanism of Intentional Forgetting** A-0338
Yingying Wang, Zhijun Cao, Zijian Zhu, Huaqian Cai, Yanhong Wu
Peking-Tsinghua Center for Life Sciences, Academy for Advanced Interdisciplinary Studies, Peking University, Beijing, Chinarn Department of Psychology, Beijing Key Laboratory of Behavior and Mental Health, and Key Laboratory of Machine Perception (Ministry of Education), Peking University, Beijing, Chinarn School of Electronics Engineering and Computer Science, Peking University, Beijing, Chinarn PKU-IDG/McGovern Institute for Brain Research, Peking University, Beijing, Chinarn
6. **Retrieval-induced forgetting in motor memory** A-0374
Tobias Tempel, Christian Frings
University of Trier, Germany

ROOM 4

S0024

NEUROCIRCUITRY OF EPISODIC MEMORY AS REVEALED BY NEURODEGENERATIVE DISORDERS

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 4

Chair: Muireann Irish

Discussant: Michael Kopelman

Memory disruption represents one of the earliest and most prominent features of dementia, attributable to the degeneration of large-scale distributed networks in the brain. Dementia syndromes therefore offer a unique opportunity to elucidate the complex circuitry which must be functional to support nuanced expressions of the episodic memory system. This symposium highlights recent advances in episodic memory research from a multidisciplinary perspective in neurodegenerative disorders including Alzheimer's disease, frontotemporal dementia, semantic dementia, Parkinson's disease, and Posterior Cortical Atrophy. This symposium will deconstruct episodic memory from a number of distinct perspectives to elucidate how damage to distributed brain networks compromises episodic memory performance. The session will cover how the degeneration of large-scale functional brain networks relates to episodic memory dysfunction, providing insights into the relationship between episodic memory impairment and deficits in spatial orientation in dementia. Novel functional neuroimaging studies of self-referential memory in dementia will be presented, leading to an exposition of autobiographical memory and episodic future thinking disruption across various dementia subtypes. By synthesising clinical, experimental, and neuroimaging data from different dementia syndromes, this symposium will provide valuable insights into the cognitive architecture of the human episodic memory system.

- 1. Marked hippocampal atrophy without major episodic memory deficits: the paradox of semantic dementia** A-0181
Renaud La Joie, Alexandre Bejanin, Serge Belliard, Vincent de la Sayette, Francis Eustache, Béatrice Desgranges, Gaël Chételat
Unité Inserm-EPHE-Université de Caen Normandie- CHU de Caen, u0
- 2. The relationship between episodic memory and spatial orientation in neurodegeneration** A-0182
Michael Hornberger, Maxime Bertoux
University of East Anglia, Norwich, United Kingdom
- 3. Disrupted interaction between memory and self in patients with Alzheimer's disease** A-0183
Sarah Genon, Eric Salmon, Fabienne Collette, Christine Bastin
Cyclotron Research Centre, Belgium; Jülich Research Centre, Germany
- 4. Autobiographical memory or episodic memory highly related to the self: A double dissociation in neurodegenerative diseases.** A-0184
Pascale Piolino
INSERM S, Center of Psychiatry and Neurosciences, University Sorbonne Paris Cité, Paris, France
- 5. Alterations in autobiographical memory in Posterior Cortical Atrophy** A-0185
Samrah Ahmed, Ian Baker, Sian Thompson, Masud Husain, Chris Butler
Nuffield Department of Clinical Neurosciences, University of Oxford, UK; Department of Experimental Psychology, University of Oxford, UK

ROOM 4

6. **Neurocognitive mechanisms underlying future thinking – insights from the dementias** A-0186
Muireann Irish
University of New South Wales, Sydney, Australia; Neuroscience Research Australia, Sydney, Australia
7. **Episodic future thinking in Parkinson’s disease – the role of executive function** A-0187
Stefania de Vito, Nadia Gamboz, Maria A. Brandimonte, Paolo Barone, Marianna Amboni, Sergio Della Sala
School of Psychology, University of East London, UK; Suor Orsola Benincasa, Naples, Italy; Federico II University, Naples, Italy; University of Edinburgh, Scotland

ROOM 5

S0032

INSIGHTS INTO MEMORY USING THE CASE STUDY APPROACH

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 5

Chair: Scott Cole, Kata Pauly-Takacs

Discussant: Martin A. Conway

Historically, case studies have been fundamental in developing and shaping the scientific understanding of human memory. From early cases, such as patient HM, to more recent cases of persistent confabulation. From a neuropsychological perspective, case studies provide a unique opportunity to explore the functional architecture and processes involved in memory. Moreover, case studies, within and beyond neuropsychology can provide rich data that is often overlooked by group studies whilst remaining scientifically rigorous in their methodology and analyses. The present symposium will showcase how unique insights can be gained from the idiographic approach from investigating both neurologically impaired and cognitively healthy individuals. In so doing, the symposium aims to show how a variety of interesting case studies can develop understanding of memory disorders, memory processes and memory theory, including the recent link between memory, future thinking and imagination. This international mix of novel talks by junior and senior researchers will be followed by a synthesis and commentary by Prof. Martin Conway.

- 1. Functional independence within the temporally extended self-memory system: insight from a case of developmental amnesia** A-1052
Pascale Piolino
University of Paris Descartes
- 2. Recollection and familiarity following limbic encephalitis: a case study** A-0462
Kata Pauly-Takács, Lara Charlesworth, Chris Moulin
Leeds Beckett University, UK; King's College London, UK; Université Grenoble Alpes, France
- 3. The effect of pulvinar damage on emotional processing of simulated scenes** A-0327
Scott Cole, Karl Szpunar, Robert Rafal, Oliver Turnbull
York St. John University, York, UK University of Illinois at Chicago, Chicago, USA Bangor University, Bangor, UK
- 4. The relationship between episodic memory and imagination – insights from semantic dementia** A-0268
Muireann Irish, Nadene Dermody, John Hodges
Neuroscience Research Australia, Sydney, Australia; The University of New South Wales, Sydney, Australia
- 5. Pattern Separation deficits in a person with bilateral dentate gyrus lesions** A-1058
R. Shayna Rosenbaum, Steven Baker, Fuqiang Gao, Asaf Gilboa
York University, Toronto, Canada Rotman Research Institute, Toronto, Canada Sunnybrook Research Institute, Toronto, Canada University of Toronto, Toronto, Canada
- 6. Conversational Skill and Memory Collaboration: A Case Study of the Impact of Hearing Loss** A-0777
Amanda J. Barnier, Celia Harris, Greg Savage
Macquarie University, Sydney, Australia

ROOM 5

S0058

NEURAL BASIS OF PROSPECTIVE MEMORY

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 5

Chair: Nicolas Rothen, Beat Meier

Prospective memory involves the self-initiated retrieval of an intention upon the encounter of an appropriate retrieval cue. Usually, the cue is an event or a time. Prospective memory cues are embedded in an ongoing activity and hence, can be missed without realising. Successful prospective memory retrieval can either occur spontaneously or as a result of strategic monitoring. The goal of this symposium is to capture the insights from recent studies on the neural basis of prospective memory which are explored from a behavioural perspective (lateralized stimulus presentation) to central imaging measures (fMRI, evoked potential, brain stimulation) to meta-analytic approaches. Specifically, in eight talks we explore the neural underpinnings of prospective remembering with various methods and paradigms. The findings are discussed under the light of recent theoretical advances in prospective memory.

- 1. The Involvement of Brodmann Area 10 in Prospective Memory Retrieval Mode** A-1008
Melissa J. Guynn
New Mexico State University, Las Cruces, NM, USA
- 2. Right Ear Advantage in Prospective Memory: the retrieval strategy makes the difference** A-0985
Nicolas Rothen, Beat Meier
Institute of Psychology and Center for Cognition, Learning and Memory, University of Bern, Switzerland
- 3. Remembering delayed intentions: Separable roles of lateral and medial rostral prefrontal cortex** A-1023
Sam Gilbert
University College London, UK
- 4. Motivational effects on the processing of delayed intentions in the anterior prefrontal cortex** A-0988
Christine Stelzel, Jovita Bruening, Vera U. Ludwig, Lena M. Paschke, Henrik Walter
*Department of Psychiatry and Psychotherapy, Charité Universitätsmedizin Berlin, Germany
Berlin School of Mind and Brain, Humboldt-Universität zu Berlin, Berlin, Germany
International Psychoanalytic University, Berlin, Germany
Berlin Center for Advanced Neuroimaging, Berlin, Germany
Technische Universität, Berlin, Germany*
- 5. Responding habitually to a prospective memory task enhances ease of retrieval: Evidence from ERPs** A-0986
Beat Meier, Stefan Walter, Sibylle Matter, Alodie Rey-Mermet, Thomas Koenig
*Institute of Psychology, University of Bern, Switzerland
Center for Cognition, Learning and Memory, University of Bern, Switzerland
Institute of Psychology, University of Zürich, Switzerland
University Hospital of Psychiatry, Bern, Switzerland*
- 6. The role of sleep for successful prospective remembering** A-0963
Susanne Diekelmann
University of Tübingen, Tübingen, Germany

ROOM 5

7. **The effect of subthalamic nucleus deep brain stimulation on prospective memory functions in Parkinson's disease** A-0983
Gyula Demeter, Péter Pajkossy, Ágnes Szóllósi, Ágnes Lukács, István Valálik, Mihály Racsmány
Hungarian Academy of Sciences, Frontostriatal System Research Group, Budapest, Hungary; Budapest University of Technology and Economics, Department of Cognitive Science, Budapest, Hungary; St. John's Hospital, Department of Neurosurgery, Budapest, Hungary
8. **Neurocognitive mechanisms of prospective memory: The influence of cue features.** A-0971
Giorgia Cona, Cristina Scarpazza, Giuseppe Sartori, Morris Moscovitch, Patrizia Bisiacchi
Department of General Psychology, University of Padua, Padua, Italy Department of Neuroscience, University of Padua, Padua, Italy Department of Psychology, University of Toronto, Toronto, Canada

ROOM 6

S0026

ADVANCES IN HIGH-RESOLUTION IMAGING OF THE MTL - STRUCTURAL AND FUNCTIONAL DEVELOPMENT

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 6

Chair: Andrew R. Bender, Attila Keresztes

Recent technological advances in magnetic resonance imaging now allow the acquisition of high-resolution MRI and fMRI images of medial temporal (MTL) structures using standard 3T scanners. These new techniques permit the reliable delineation of functionally specific MTL and hippocampal subregions including the dentate gyrus, cornu Ammonis, subiculum, and adjacent cortical areas. Using such methods, researchers can now investigate more refined research questions concerning specific subregional MTL contributions to cognition. The symposium will cover studies using these high-resolution MTL imaging techniques to better understand the roles of the different MTL subfields in memory processes, pathological states, and lifespan development.

- 1. CA1 atrophy and episodic memory deficits in the course of Alzheimer's: not as simple as it seems** A-0441
Robin de Flores, Renaud La Joie, Gael Chételat
Unité Inserm-EPHE-Université de Caen Normandie- CHU de Caen, U0, France
- 2. Ultra-high resolution imaging of MTL memory pathways during a domain-specific memory precision task** A-0445
David Berron, Andreas Becke, Alondra Chaire, Anne Hochkepler, Hartmut Schütze, Magdalena Sauvage, Dharshan Kumaran, Emrah Düzel
Institute of Cognitive Neurology and Dementia Research, Otto von Guericke University Magdeburg, Germany; German Center for Neurodegenerative Diseases Magdeburg, Germany; Functional Architecture of Memory Unit, Mercator Research Group, Faculty of Medicine, Ruhr University Bochum, Germany; Institute of Cognitive Neuroscience, University College London, United Kingdom
- 3. Hippocampal Subfield Segmentation: A Comparison of Manual and Automated Methods Across the Lifespan** A-0446
Andrew R. Bender, Attila Keresztes, Nils C. Bodammer, Yee Lee Shing, Simone Kühn
Center for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany; Division of Psychology, University of Stirling, Stirling, UK; University Clinic Hamburg-Eppendorf, Clinic and Policlinic for Psychiatry and Psychotherapy
- 4. Using high-resolution imaging to investigate hippocampal subfield oscillatory correlates of human episodic memory** A-0447
Nanthia Suthana
Department of Psychology, University of California, Los Angeles, USA; Department of Psychiatry & Biobehavioral Sciences, University of California, Los Angeles, USA; Department of Neurosurgery, University of California, Los Angeles, USA
- 5. Mapping hippocampal subfield contributions to episodic memory development** A-0449
Attila Keresztes, Andrew R. Bender, Nils C. Bodammer, Markus Werkle-Bergner, Yee Lee Shing
Center for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany; Division of Psychology, University of Stirling, Stirling, UK

ROOM 6

6. **Examining changes in autobiographical memory representations over time in hippocampal subfields** A-0450
Heidi M. Bonnici, Eleanor A. Maguire
School of Psychology, University of East Anglia, Norwich, UK; Wellcome Trust Centre for Neuroimaging, University College London, London, UK

S0013

THEORETICAL AND LEGAL ISSUES RELATED TO AUTOBIOGRAPHICAL BELIEF AND RECOLLECTION

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 6

Chair: Henry Otgaar

Discussant: Mark L. Howe

Recently, there is increased attention to research on differences between autobiographical belief and recollection (e.g., Otgaar, Scoboria, & Mazzoni, 2014; Scoboria et al., 2014). This new work has revealed that autobiographical belief and recollection are independent constructs that are affected by different factors. Based on these new findings, researchers have identified an assumed-to-be-rare memory phenomenon called nonbelieved memories. Nonbelieved memories refer to memories of events of which the belief in the occurrence has been withdrawn.

In the present symposium, we have assembled the latest work in the field of autobiographical belief and recollection. Importantly, in this symposium, we will show that this new research is important for our theoretical understanding of memory, but also for legally-oriented questions (i.e., causes of our behavior). To accomplish this, we will present several presentations centered on theoretical work related to differential factors affecting autobiographical belief and recollection. Furthermore, presentations are included about the behavioral effects of autobiographical belief and recollection. That is, an often-heard assumption is that our behavior is guided by our recollections. However, we will present several presentations that will show that behavior is differentially affected by belief and recollection. This symposium will end with a discussion related to the presented findings.

1. **The behavioral effects of undermining belief for true and false memories** A-0141
Henry Otgaar, Mark L. Howe, Jane Wang, Georgiana Moldoveanu
Section Forensic Psychology, Maastricht University City University London, UK
2. **Memory and belief in occurrence as determinants of behavior and decision** A-0142
Giuliana Mazzoni
University of Hull
3. **Relinquishing belief in false memories leads to less efficient problem-solving behavior.** A-0143
Jianqin Wang, Henry Otgaar, Mark L. Howe, Tom Smeets
Section Forensic Psychology, Maastricht University City University London, UK
4. **Challenging beliefs does not lead to memory omissions** A-0144
Andrew Clark, Lorraine Hope, Henry Otgaar, James Ost
University of Portsmouth, UK Section Forensic Psychology, Maastricht University

ROOM 6

5. **Subjective impact of the loss of personal memories: An examination of nonbelieved memories** A-0145
Chantal Boucher, Alan Scoboria
University of Windsor, Canada

6. **Intrapersonal and interpersonal outcomes resulting from the social invalidation of personal memories** A-0146
Alan Scoboria, Lauren Wysman
University of Windsor, Canada

ROOM 7

I143 EMOTION AND MEMORY I

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 7

Chair: Mara J. Richman

- 1. The list composition effect on emotional memory: evidence from behaviour and neuroimaging** A-0716
Gemma Barnacle, Tobias Sommer, Dimitris Tsivilis, Deborah Talmi
University of Manchester; University Medical Center Hamburg-Eppendorf
- 2. A Hierarchical Meta-Regression Analysis of Emotional Memory Enhancement Effects** A-0717
Jillian E. Lauer, Anaïs F. Stenson
Emory University, Atlanta, USA
- 3. The Effects of Repeatedly Recalling a Traumatic Event on Memory and Psychological Response** A-0737
Elisha Chan, Celine van Golde, Helen Paterson
The University of Sydney, Sydney, Australia
- 4. Autobiographical memory impairment in post-traumatic stress disorder and borderline personality disorder: a meta-analysis** A-0924
Mara J. Richman, Eszter Beran, Zsolt Unoka
William J. Fulbright Program, Washington D.C., USA Semmelweis University, Budapest, Hungary, Pázmány Péter Catholic University, Budapest, Hungary
- 5. The developmental trajectory of emotion effects on subsequent memory: Evidence from brain and behavior** A-0946
Anaïs F. Stenson, Jacqueline S. Leventon, Patricia J. Bauer
Emory University, Atlanta, USA; California State University, San Bernardino, USA

ROOM 7

S0054

NEW PERSPECTIVES ON CHILDHOOD MEMORY

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 7

Chair: Sami Gülgöz, Qi Wang

Discussant: David B. Pillemer

Memories of early childhood experiences have been studied extensively. Research findings have indicated cultural and gender differences for the age at earliest memories and specific mechanisms leading to the forgetting of early childhood memories have been suggested. In this symposium, we bring together researchers who contribute different perspectives on these memories. The presenters will explain studies that examine the forgetting of early memories in individuals during early childhood through adolescence, the variability in dating these memories and the factors influencing the dating estimates, the distinct qualities of memories from earlier and later ages, and how earliest memories are influenced by socio-historical changes and parental relationships. The research presented in this symposium will lead to a discussion about the validity of the special status attributed to earliest memories and the dynamics influencing the characteristics and dating of memories from early childhood.

- 1. The "veil" of childhood amnesia: A 4-year prospective investigation of when it falls** A-0820
Patricia Bauer, Marina Larkina
Emory University
- 2. Where does my past begin? Children dating earliest childhood memories** A-0822
Qi Wang, Carole Peterson
Cornell University, Ithaca, NY, USA; Memorial University of Newfoundland, St. John's, Canada
- 3. Manipulating age in earliest memories** A-0825
Ineke Wessel, Theresa Schweig, Rafaële J.C. Huntjens
University of Groningen, Netherlands
- 4. Consistency of earliest memories** A-0826
Berivan Ece, Burcu Demiray, Sami Gulgoz
MEF University, Istanbul, Turkey; University of Zurich, Switzerland; Koc University, Istanbul, Turkey
- 5. A Survey of Earliest Memories** A-0828
Shania Akhtar, Martin Conway
City University London, UK
- 6. Socio-historical development and AM: Comparing two generations in three countries** A-0829
Manuel L. de la Mata Benítez, Radia Antalíková, Andrés Santamaría, Mercedes Cubero, Samuel A. Sánchez, Tia G. B. Hansen
Universidad de Sevilla, Spain; Aalborg University, Denmark
- 7. Unique influence of maternal and parental attachment on earliest memories** A-0830
Sezin Oner, Sami Gulgoz
Koc University

ROOM 8

S0008

MODULATION OF REPLAY FOR SLEEP-DEPENDENT MEMORY CONSOLIDATION

WEDNESDAY, 20 JULY 2016 | 09:30-11:30 | ROOM 8

Chair: Gordon B. Feld, Thomas Schreiner

Sleep's essential contribution to consolidation, i.e., stabilizing memory traces, relies on the replay of information encoded during preceding wakefulness. Here animal and human researchers gather to present their recent achievements in the field of sleep and memory reached by applying diverse methods ranging from cutting edge optogenetic approaches over intracranial electrophysiology in animals and humans to conventional human EEG recordings and behavioural measures. Thomas Schreiner, Scott Cairney and Dan Bendor will introduce how acoustic stimuli during sleep can impact replay and memory performance. David Dupret will demonstrate that endogenous replay during sleep is essential for later memory reinstatement. Bernhard Staresina will show how endogenous replay is orchestrated by neural oscillations during NonREM sleep. Lisa Genzel will present how multiple memory-related processes co-act during sleep and Hugo Spiers will present data on how the spatial layout of an environment impacts on the consolidation of salient highly rewarding objects. Finally, Gordon Feld will show that sleep-dependent consolidation is a limited process. The symposium highlights that consolidation by replay during sleep is a dynamic process that can be modulated by different approaches and emphasises that human and animal researchers must work together to unravel the neuronal underpinnings and boundary conditions of such modulations.

- 1. The impact of cueing foreign vocabulary during sleep on memory performance and oscillatory activity** A-0079
Thomas Schreiner, Mick Lehmann, Björn Rasch
University of Fribourg, University of Zurich
- 2. Optimising the benefits of cued memory reactivations in the sleeping brain** A-0080
Scott Cairney
University of York
- 3. Biasing hippocampal replay during sleep** A-0081
Daniel Bendor
University College London: Department of Experimental Psychology
- 4. The recall of newly-encoded assembly-patterns in the hippocampus depends on their sleep reactivation** A-0082
David Dupret
MRC Brain Network Dynamics Unit, University of Oxford
- 5. Hierarchical nesting of slow oscillations, spindles and ripples in the human hippocampus during sleep** A-0083
Bernhard Staresina
University of Birmingham
- 6. Sleep for systems consolidation** A-0084
Lisa Genzel, Richard Morris
University of Edinburgh

ROOM 8

7. **Sleep enhances a spatially mediated generalization of learned values** A-0085
Hugo Spiers, Amir-Homayoun Javadi
University College London, University of Kent
8. **The limit of sleep-dependent memory consolidation** A-0086
Gordon B. Feld, Patrick Weis, Jan Born
University of Tübingen

I082 WORKING MEMORY II

WEDNESDAY, 20 JULY 2016 | 12:00-14:15 | ROOM 8

Chair: Geoffrey F. Woodman

1. **Measuring the interplay of long-term memory and working memory as they control attention** A-0526
Geoffrey F. Woodman, Robert M. G. Reinhart
Vanderbilt University, Psychology Department, Nashville, TN 0, USA
2. **Did you really see that face before? Exploring false memories for famous faces using the DRM paradigm** A-0561
Ashok Jansari, Yanic Seide, Duncan Windsor, Jessica Steele, Narinder Kapur
Goldsmiths, University of London, London, UK; University College London, London, UK
3. **Working memory, executive control, and working metacognition in Greek-Albanian bilingual children: Do socioeconomic factors matter?** A-0564
Zoe Bablekou, Smaragda Kazi, Elisavet Chrysochoou, Elvira Masoura
Aristotle University of Thessaloniki, Thessaloniki, Greece; Panteion University of Social and Political Sciences, Athens, Greece; The University of Sheffield International Faculty, City College, Thessaloniki, Greece
4. **Taking photos does not impair memory** A-0648
Sophie Nightingale, Kimberley Wade, Derrick Watson, Andrew Mills, Rachel Zajac, Maryanne Garry
University of Warwick, UK; University of Otago, New Zealand; Victoria University of Wellington, New Zealand
5. **Long-Term Consequences of Correct and False Recognition** A-0658
Matthew Sabia, Almut Hupbach
Lehigh University, Bethlehem, Pennsylvania, USA
6. **Distortion of memories for the choices as a result of misinformation verbalization** A-0680
Valeria A. Gershkovich
Saint Petersburg State University, Saint Petersburg, Russia
7. **Characteristics of non-verbal visual Hebb repetition learning** A-0700
Andrew J. Johnson, Artur Dygacz, Christopher Miles
Department of Psychology, Bournemouth University, UK

DAILY DETAILED PROGRAM

THURSDAY, 21 JULY 2016

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
08:30-09:20	K8 KEYNOTE SESSION VIII Michael J. Kahana							
09:20-09:30	Break							
09:30-11:30	S0030 A retrieval-specific mechanism of adaptive forgetting: from neural instantiation to social consequences	S0055 Amnesia Lab: art-science collaborative research	S0048 Conceptual and empirical advances in déjà vu research	I013 Retrieval processes III	S0056 Key findings in Working Memory	S0043 Memory and Genetics	I061 Development of memory II	I083 Working memory and recognition III
	Alin Coman, Michael C. Anderson	Shona Illingworth, Jill Bennett, Martin A. Conway	Christine E. Wells, Akira R. O'Connor, Daniel L. Schacter	Talya Sadeh	Geoff Ward	Souchay Céline, Fabienne Collette	Tim Graf	Keisuke Fukuda
11:30-13:00	P3 POSTER SESSION III (AULA)							
11:30-13:00	Lunch Break							

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8
13:00-15:00	1121 Neuroscience of memory III Lucy Cheke	S0021 Systems interactions in memory Steffen Gais, Monika Schönauer	1151 Ageing and neuropsychology of memory I Nathan S. Rose	1023 Forgetting II Ben Levy	S0019 Methodological and statistical advances in autobiographical memory research Steve M. J. Janssen, Joseph M. Fitzgerald, Katinka Dijkstra	S0040 Research on involuntary autobiographical memories: Past, present and future Lia Kvavilashvili, Daniel Schacter	S0012 Developmental changes in memory binding, pattern separation, and pattern completion across the lifespan Chi Ngo, Nora Newcombe	1111 Memory encoding and learning Kristin E. Flegal
15:00-15:30	Coffee Break							
	S0044 Intrusive memories in daily life and psychology: a special form of memory challenging mainstream theories? Alex Lau-Zhu, Emily A. Holmes	S0046 Mechanisms underlying familiarity and novelty decisions: Two sides of the same coin? Christine Bastin, Emmanuel Barbeau, Christopher Moulin	S0009 Grids cells: spatial navigation and beyond Aidan Horner, Christian Doeller, Neil Burgess	S0016 Good vibes for memory: How rhythmic neural activity shapes when, how, and what we remember Markus Werkle-Bergner, Myriam C. Sander	S0034 Beyond Yes and No: Memory is Conditional Avi Karni, Sara Ferman, Peter De Weerd	S0050 Autobiographical Memory and Psychopathology Mirjam Vermeulen, Fortesa Kadriu	1022 Forgetting III Karl-Heinz T. Bauml	1123 Neuroscience of memory IV David Smith
17:30-17:40	Break							
17:40-18:25	K9 KEYNOTE SESSION IX Lynn Hasher							
20:00-23:00	Conference Dinner							

ROOM 1

K8 KEYNOTE SESSION VIII

THURSDAY, 21 JULY 2016 | 08:30-09:20 | ROOM 1

Chair: Mihaly Racsmany

1. **Electrophysiological biomarkers of episodic memory** A-1065
Michael J. Kahana
University of Pennsylvania

S0030 A RETRIEVAL-SPECIFIC MECHANISM OF ADAPTIVE FORGETTING: FROM NEURAL INSTANTIATION TO SOCIAL CONSEQUENCES

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 1

Chair: Alin Coman

Discussant: Michael C. Anderson

Selectively remembering past experiences has been found to result in strengthening of the retrieved memories, but, at the same time leads to the forgetting of un-retrieved, but related to the retrieved, memories. This retrieval-specific mechanism has been theorized to have adaptive consequences for the cognitive system, by streamlining the processes involved in memory search. To establish the generality of the phenomenon, we bring together five speakers whose work ranges from animal models of retrieval induced forgetting (RIF), to its neural instantiation, and to its social consequences. We start by establishing that RIF can be found across species and by revealing the neural mechanisms involved during retrieval practice. We then present work on recognition induced forgetting, thereby establishing the generality of the phenomenon across retrieval practice tasks. Finally, we extend the work on RIF beyond individual cognitive processing. We present evidence that joint retrieval practice affects the mnemonic representations of interacting individuals, with consequences for the formation of collective memories in small-scale human communities. Taken together, these findings represent the most recent advances in understanding, on the one hand, the adaptive nature of RIF, and, on the other hand, its generality across species, across retrieval tasks, and across individuals.

1. **A species-general, retrieval-specific mechanism of adaptive forgetting in the mammalian brain** A-0538
Pedro Bekinschtein, Noelia Weisstaub, Francisco Gallo, Michael Anderson
Institute of Physiology and Biophysics, IFIBIO "Houssay," CONICET and University of Buenos Aires Medical School, Buenos Aires, Argentina. MRC Cognition and Brain Sciences Unit, Cambridge, UK. Behavioural and Clinical Neurosciences Institute, Cambridge, UK
2. **The temporal dynamics of retrieval competition: ERP correlates of competitor reactivation during retrieval practice** A-0539
Robin Hellerstedt, Mikael Johansson
Lund University
3. **Suppressing visual representations in long-term memory with recognition** A-0540
Ashleigh M. Maxcey
Tennessee State University

ROOM 1

4. **The two faces of selective memory retrieval in social groups** A-0541
Magdalena Abel, Karl-Heinz T. Bäuml
Regensburg University
5. **The effect of retrieval induced forgetting on the emergence of collective memories in small-scale communities** A-0542
Alin Coman, Ida Momennejad, Rae Drach, Andra Geana
Princeton University State University of New York

I121 NEUROSCIENCE OF MEMORY III

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 1

Chair: Lucy Cheke

1. **Neurocognitive investigation of Memory in Obesity** A-0014
Lucy Cheke, Heidi Bonnici, Nicky Clayton, Jon Simons
Department of Psychology, University of Cambridge, Cambridge, UK
2. **Large-scale Dynamics of the Episodic Memory Network Shape Memory Accuracy** A-0234
Anne-Lise Saive, David Meunier, Samuel Garcia, Marc Thévenet, Jean-Pierre Royet, Jane Plailly
Olfaction: from coding to memory team, Lyon Neuroscience Research Center, CNRS UMR - INSERM U0 - University Lyon, Lyon, France
3. **Development of Relational Memory in Middle Childhood: Evidence from Eye Movements** A-0237
Yating Liu, Caron Clark, Jamie Edgin
University of Arizona, Tucson, US
4. **Differences in the brain oscillatory expression of working memory processes in patients with predominantly negative or positive symptomatic schizophrenia and healthy controls** A-0262
Barbara Berger, Tamas Minarik, Birgit Griesmayr, Paul Sauseng
Ludwig-Maximilians University, Munich, Germany University of Salzburg, Salzburg, Austria
5. **ERP measures of retrieval orientations predict episodic retrieval accuracy** A-0307
Jane E. Herron, Lisa H. Evans
Cardiff University Brain Research Imaging Centre (CUBRIC), School of Psychology, Cardiff University
6. **An fMRI investigation of the neural substrates supporting retrieval of time and context** A-0341
Bjorn M. Persson, James A. Ainge, Ian Cavin, Akira R. O'Connor
University of St Andrews, UK; Ninewells Hospital and Medical School, Dundee, UK

ROOM 1

7. **Automated segmentation of the human hippocampus along its longitudinal axis** A-0389
G. Lerma-Usabiaga, J.E. Iglesias, R. Insausti, D. Greve, P.M. Paz-Alonso
BCBL. Basque Center on Cognition, Brain and Language, Donostia-San Sebastián, Spain; University of Castilla-La Mancha, Department of Health Sciences and Regional Center for Biomedical Research, Human Neuroanatomy Laboratory, School of Medicine, Albacete, Spain; Massachusetts General Hospital and Harvard Medical School, Athinoula A. Martinos Center for Biomedical Imaging, Charlestown, MA, USA

S0044

INTRUSIVE MEMORIES IN DAILY LIFE AND PSYCHOPATHOLOGY: A SPECIAL FORM OF MEMORY CHALLENGING MAINSTREAM THEORIES?

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 1

Chair: Alex Lau-Zhu

Discussant: Emily A. Holmes

This symposium brings together expertise on experimental psychopathology, neuroscience and autobiographical memory, to present the latest insights on intrusive emotional memories. Intrusive memories (intrusions) are recollections that 'pop' into mind involuntarily; these occur in daily life and across emotional psychopathologies. However, relative to their voluntary counterparts, involuntary phenomena have been neglected in mainstream cognitive science. Eight talks in this symposium will discuss novel experimental findings, methodological developments and broader theoretical standings. First, two talks will focus on the development of intrusion measures using diary (Kvavilashvili) and laboratory approaches (Plimpton). Next, experimental data will explore mechanisms underlying emotional memory modulation using a cognitive task procedure (Lau-Zhu) and a dual-task interference approach (Engelhard). These are followed by investigations of the neural basis of intrusion development in relation to sleep and conditioned fear (Grünberger) and associative/item memory (Bisby). The final two talks situate the intrusive memory phenomenon into broader theoretical perspectives, linking it to the conceptualization of 'narrative thinking' (Conway) and to the activation of everyday involuntary memories (Bernstein). By showcasing recent advances in our understanding of intrusive emotional memories, this symposium highlights the multiplicity of theoretical views, revealing insights that, at times, may not be fully accommodated by mainstream memory perspectives.

1. **Using diary methods to study participants' spontaneous and film-induced intrusive memories** A-0380
Lia Kvavilashvili, Ben Plimpton, Chris Brewin
University of Hertfordshire, Hatfield, UK; University College London, London, UK
2. **Can we capture intrusive memories in the lab? The role of personalised cues** A-0381
Ben Plimpton, Lia Kvavilashvili
University of Hertfordshire, Hatfield, UK
3. **Involuntary intrusions versus voluntary memory of trauma films: dissociable consolidation processes?** A-0382
Alex Lau-Zhu, Rik Henson, Emily A. Holmes
Medical Research Council Cognition and Brain Sciences Unit, Cambridge, UK; Department of Clinical Neuroscience, Karolinska Institutet, Sweden

ROOM 1

4. **Does dual-tasking neutralize emotional memory and reduce conditioned responses?** A-0383
Iris Engelhard, Angelos-Miltiadis Kryptos, Arne Leer, Evi-Anne van Dis
Clinical Psychology, Utrecht University, The Netherlands
5. **Opposing effects of negative emotion on associative and item memory and its relation to intrusive memory** A-0384
James Bisby, Lone Hoerlyck, John King, Neil Burgess
Institute of Cognitive Neuroscience, University College London, UK
6. **Neural mechanisms of conditioned intrusive memory formation revealed by fMRI and sleep recording** A-0385
Lisa M. Grünberger, Stephan F. Miedl, Jens Blechert, Martin Kronbichler, Victor I. Spormaker, Frank H. Wilhelm
Clinical Stress- and Emotion Laboratory, Division of Clinical Psychology, Psychotherapy and Health Psychology, University of Salzburg, Salzburg, Austria Center for Cognitive Neuroscience, University of Salzburg, Salzburg, Austria. Neuroscience Institute, Christian-Doppler-Clinic, Paracelsus Medical University Salzburg, Salzburg, Austria Max Planck Institute of Psychiatry, Department of Translational Research in Psychiatry & Neuroimaging, Munich, Germany
7. **Narrative thinking, amnesia and fictional memories** A-0386
Martin A. Conway
Department of Psychology, City University London
8. **Understanding the “intrusiveness” of intrusive memories. Contributions from research on everyday involuntary memories** A-0387
Dorthe Berntsen
Department of Psychology and Behavioural Sciences, Aarhus University, Denmark

K9 KEYNOTE SESSION IX

THURSDAY, 21 JULY 2016 | 17:40-18:25 | ROOM 1

Chair: Barbara Knowlton

1. **KEYNOTE LECTURE: Benefits from Poor Attention Regulation** A-1074
Lynn Hasher
University of Toronto

ROOM 2

S0055

AMNESIA LAB: ART-SCIENCE COLLABORATIVE RESEARCH

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 2

Chair: Shona Illingworth, Jill Bennett

Discussant: Martin A. Conway

This symposium evaluates the contribution of collaborative art-science projects to the study of memory loss and amnesia. From diverse perspectives, the speakers present findings from major long-term interdisciplinary projects that shed new light on the experiential dimensions of memory.

1. **Perspectives on Amnesia** A-0996
Jill Bennett, Shona Illingworth, Catherine Loveday
UNSW Australia ; University of Kent ; University of Westminster
2. **Dementia and Grief** A-1067
Jill Bennett, Lynn Froggett
University of New South Wales, Australia, University of Central Lancashire, UK
3. **Can art make us better scientists?** A-1004
Catherine Loveday
University of Westminster, London, UK
4. **Remembering institutional abuse** A-1068
Lily Hibberd
University of New South Wales, Australia
5. **Behaviours that challenge: art, freedom and purpose in the studio** A-1070
Kate Adams
Artist and Director, Project Art Works
6. **216 Westbound** A-1071
Shona Illingworth, Andrew Hoskins
University of Kent; University of Glasgow
7. **Memory, Mental Time Travel and The Moustachio Quartet** A-1069
Nicola Clayton, Clive Wilkins
Department of Psychology, University of Cambridge

ROOM 2

S0021 SYSTEMS INTERACTIONS IN MEMORY

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 2

Chair: Steffen Gais, Monika Schönauer

The brain's memory systems were once seen as independent entities with largely distinct functions. Recently, however, evidence emerged that shows that memory systems can interact, and that this interaction can change over time. Here, we present data suggesting that memory-related brain systems cooperate or compete in a number of different memory tasks. In particular, the hippocampus, which is generally thought to be the substrate of declarative memory, and the striatum, which is most often associated with stimulus-response learning, seem to work closely together for a variety of tasks including episodic memory, category learning and motor memory. These brain systems can interact competitively as well as cooperatively, and interaction can be found during learning, consolidation and retrieval. Their interaction can be modulated by external factors like stress, sleep or reward. Interactions can also occur between other memory system, e.g. between the hippocampus and the nucleus accumbens, which may serve to gate associative memories into affective and motor circuits, or between the hippocampus and the prefrontal cortex, which can help integrate single events into complex narratives or schemas. Based on this data, our symposium will discuss the opportunities that arise from looking at contributions of multiple memory systems to individual learning tasks.

- 1. Interaction between the Hippocampus and the Striatum during Motor Memory Consolidation** A-1031
Geneviève Albouy
Movement Control and Neuroplasticity Research Group, Kinesiology Department, KU Leuven, Leuven, Belgium
- 2. Functional interactions between the hippocampus and nucleus accumbens: Gating associative memories.** A-1036
Aaron Mattfeld, Craig Stark
Florida International University, Miami, Florida, USA; University of California, Irvine, California, USA
- 3. Sleep integrates representations across multiple memory systems** A-1028
Monika Schönauer, Florian Pargent, Jana Wörsching, Michael Czisch, Steffen Gais
Eberhard Karls Universität Tübingen, Germany; LMU München, Germany; Max Planck Institute of Psychiatry München, Germany
- 4. Stress-induced modulation of multiple memory systems** A-1030
Lars Schwabe
University of Hamburg, Germany
- 5. What factors influence hippocampal-prefrontal interactions to optimize memory consolidation?** A-1035
Kinga Igloi
Basic Neuroscience Department, University of Geneva, Geneva, Switzerland; Centre Interfacultaire de Neurosciences Affectives, University of Geneva, Geneva, Switzerland

ROOM 2

6. **Episodic memories in hippocampus and medial prefrontal cortex** A-1050
Christian Doeller
Donders Institute, Radboud University, Nijmegen, the Netherlands

7. **Reinstating to encode: How prior spatial knowledge impacts learning of new locations** A-1046
Marlieke van Kesteren, Thackery Brown, Catherine Escher, Anthony Wagner
Faculty of Behavioural and Movement Sciences, section Educational Neuroscience, Institute for Brain and Behaviour, Vrije Universiteit Amsterdam, Amsterdam, the Netherlands; Psychology Department, Stanford University, Stanford, USA

S0046

MECHANISMS UNDERLYING FAMILIARITY AND NOVELTY DECISIONS: TWO SIDES OF THE SAME COIN?

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 2

Chair: Christine Bastin, Emmanuel Barbeau, Christopher Moulin

Memory is about what is known, but also about what is not known. Both the assessment of familiarity and the detection of novelty are key functions of the memory system. However, the precise mechanisms supporting familiarity and novelty decisions remain unknown. This symposium puts forward experimental evidence regarding the sources and the characteristics of familiarity and novelty decisions, as well as addressing a prominent controversy, namely do familiarity and novelty rely on similar or distinct cognitive and neural mechanisms? Three talks will consider whether familiarity and novelty decisions are similar processes or not and will address the question via eyetracking, fMRI, EEG and temporal dynamic analyses. Two talks will revisit the classical novelty-encoding hypothesis by assessing whether prior familiarity or novelty improves memory performance, in healthy young individuals in one study and in patients with Alzheimer's disease in the other. Finally, two talks will address how old/new judgements are generated and how this is affected by physiological feedback and recognition goals. In all, experimental, neuropsychological and neuroimaging data will consider whether familiarity and novelty represent distinct cognitive processes.

1. **Familiarity and novelty detection signals: Evidence from neuroimaging and eye tracking** A-0452
Alexandros Kafkas
University of Manchester, UK

2. **Bridging familiarity and novelty detection: a matter of timing?** A-0453
Emma Delhaye, Emmanuel Barbeau, Christopher Moulin, Gabriel Besson, Christine Bastin
University of Liège, Belgium; University of Toulouse, France; University of Grenoble, France

3. **Expecting novelty: Effects of expectations on novelty processing** A-0454
Martijn Meeter
University of Amsterdam, The Netherlands

4. **Familiarity for faces, but not novelty, improves recognition memory** A-0455
Pierre-Yves Jonin, A. Noël, E. Le Lann, S. Belliard, A. Barillot, E. Barbeau
University of Rennes, France; University of Toulouse, France; CHU Pontchaillou, Rennes, France

ROOM 2

5. **Novelty and recognition memory in Alzheimer's disease** A-0456
Chris J.A. Moulin, Christophe Fitamen, Emmanuel Barbeau, Jonathan Meyer
LPNC CNRS 0, Grenoble, France; Department of Psychology, University of Fribourg, Switzerland; CerCo CNRS, Toulouse, France; Consultation Mémoire, Hospices Civils de Beaune, France

6. **Recognition goals bias the endorsement of fewer but 'better' goal responses** A-0457
Akira R. O'Connor, Ravi R. MILL
University of St Andrews, Scotland; Rutgers University, USA

7. **Knowing by heart: How visceral feedback shapes familiarity in recognition-memory judgments** A-0458
Stefan Kohler, Chris Fiacconi
Western University, Canada

ROOM 3

S0048

CONCEPTUAL AND EMPIRICAL ADVANCES IN DÉJÀ VU RESEARCH

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 3

Chair: Christine E. Wells, Akira R. O'Connor

Discussant: Daniel L. Schacter

Since emerging in the late 19th Century as a mental phenomenon of psychological interest, the déjà vu experience has consistently captured the public imagination. More recently, burgeoning scientific interest has begun to harness the methods and scope of modern memory research to explore the nature of the experience and its relationship to normal memory function. This symposium brings together researchers using varied methodologies—from neuropsychological examination of patients, through cognitive and neuroscientific experiments conducted on healthy participants, to large-scale interrogation of clinically-relevant samples—to better understand the déjà vu experience as a subjective phenomenon of value to memory research. As a whole, the symposium will present an overview of the current state of déjà vu research, giving insight into how memory theories inform understanding of the déjà vu experience, but crucially also how déjà vu informs better understanding of both healthy and impaired memory systems.

- 1. History repeating itself: Defining pathological déjà vu** A-0477
Chris J.A. Moulin, Léa Martinon, Julie Bertrand, Céline Souchay
LPNC CNRS 0, Grenoble, France; Northumbria University, UK; Centre d'épidémiologie de populations et de santé publique de Bourgogne EA, France
- 2. Déjà-rêvé ("already dreamed") induced by electrical brain stimulation** A-0478
Jonathan Curot, Fabrice Bartolomei, Louis Maillard, Agnès Trébuchon, Luc Valton, Emmanuel J. Barbeau
Centre de recherche Cerveau & Cognition, CNRS – UMR, Toulouse, France; Unité du Sommeil et Epilepsie, Centre Hospitalier Universitaire de Toulouse, Toulouse, France; INSERM UMR 0, Institut de Neurosciences des Systèmes, Marseille, France; Faculté de Médecine, Université d'Aix-Marseille, Marseille, France; Unité de Neurophysiologie Clinique, Hôpital de la Timone, Assistance Publique des Hôpitaux Marseille, Marseille, France; Service de Neurologie, Centre Hospitalier Universitaire de Nancy, Nancy, France
- 3. The Déjà vu Illusion: Déjà vu May Bias People Toward Thinking that they Know What Will Happen Next** A-0479
Anne M. Cleary, Alexander B. Claxton
Colorado State University, USA
- 4. Déjà vu experiences in anxiety** A-0480
Christine E. Wells, Akira R. O'Connor, Chris J.A. Moulin
Sheffield Hallam University, UK; University of St Andrews, UK; LPNC CNRS 0, Grenoble, France
- 5. Role of the medial temporal lobes in familiarity assessment and déjà vu** A-0481
Stefan Kohler
Western University, Canada

ROOM 3

6. **fMRI investigation of experimentally-generated déjà vu.** A-0482
Josephine A. Urquhart, Magali Sivakumaran, Akira R O'Connor
University of St Andrews, UK
7. **Confabulation during hypnotically suggested delusions** A-1063
Rochelle Cox, Amanda Barnier
ARC Centre of Excellence in Cognition and its Disorders and Department of Cognitive Science, Macquarie University, Australia

I151

AGEING AND NEUROPSYCHOLOGY OF MEMORY I

THURSDAY, 21 JULY 2016 | 13:00-15:15 | ROOM 3

Chair: Nathan S. Rose

1. **Neural correlates of verbal and nonverbal memory for item and item-location: Evidence from the dementias** A-0545
Marshall Dalton, Michael Hornberger, John R Hodges, Olivier Piguet
Neuroscience Research Australia, Sydney, Australia; ARC Centre of Excellence in Cognition and its Disorders, Sydney, Australia; University College London, UK; University of East Anglia, Norwich, UK; University of New South Wales, Sydney, Australia
2. **Multiple routes from memory to decision making (and age-related effects)** A-0071
Fabio Del Missier, Patrik Hansson, Valentina Coni, Timo Mäntylä
Stockholm University; University of Trieste; Umeå University
3. **McCusker Subjective Cognitive Decline Inventory- Development of a New Measure** A-0156
Hamid R Sohrabi, Michael Weinborn, Kaikai Shen, Ralph N Martins
Edith Cowan University, Joondalup, Western Australia, Australia; University of Western Australia, Crawley, Western Australia, Australia; McCusker Alzheimer's Research Foundation, Nedlands, Western Australia, Australia
4. **When the extended hippocampal system is of no need for context-free memory: a case of developmental amnesia** A-0313
PY Jonin, G. Besson, J Pariente, R. La Joie, S. Belliard, C. Barillot, EJ Barbeau
Centre de Recherche Cerveau et Cognition, CNRS, CerCo, UMR, Toulouse, France Inria, VISAGES Project-Team, Université de Rennes, INSERM, U, CNRS, IRISA, UMR 0, Rennes, France CHU Pontchaillou, Service de Neurologie, Rennes, France Inserm U, Université Paul Sabatier, Toulouse, France Inserm U0, Université de Caen Basse Normandie, UMR-S0, Ecole Pratique des Hautes Etudes, UMR-S0, CHU Caen, Caen, France
5. **Time-based prospective memory in children with traumatic brain injury: Impact of working memory demands.** A-0400
Natalie Lynette Phillips, David Shum, Anna Mandalis, Louise Parry, Suzanne Benson, Angie Morrow, Adrienne Epps, Suncica Lah
The University of Sydney, Sydney, Australia; Griffith University, Gold Coast, Australia; Sydney Children's Hospital, Sydney, Australia; The Children's Hospital at Westmead, Sydney, Australia

ROOM 3

6. **Remote spatial and autobiographical memory in people with medial or posterior temporal lobe damage** A-0567
Jessica Robin, Josée Rivest, R. Shayna Rosenbaum, Morris Moscovitch
University of Toronto, Canada; Rotman Research Institute, Baycrest Hospital, Toronto, Canada; Psychology Department, Baycrest Hospital, Toronto, Canada; Glendon College, York University, Toronto, Canada; York University, Toronto Canada
7. **Decoding the Content of Thought in Younger and Older Adults during Remembering and Imagining** A-0593
Nathan S. Rose, Karl K. Szpunar, Peter Goodin, Peter G. Rendell, Daniel L. Schacter
Australian Catholic University, Melbourne University of Notre Dame University of Illinois, Chicago Harvard University
8. **Does dual-task coordination performance decrease from adults to old people?** A-0760
Maria Victoria Sebastian, Roberto Mediavilla
Universidad Complutense de Madrid, Spain; Universidad Nacional de Educación a Distancia, Madrid, Spain

S0009

GRIDS CELLS: SPATIAL NAVIGATION AND BEYOND

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 3

Chair: Aidan Horner, Christian Doeller

Discussant: Neil Burgess

Grid cells in the rodent entorhinal cortex were only discovered 10 years ago. Since then a wealth of research has revealed how these exquisitely spatially tuned neurons fire as rodents and humans move through their environment. However, grid cells might not only contribute to navigation during actual movement but also be used to “mentally traverse” space. Here we bring together world-class researchers to discuss how grid cells might contribute more broadly to cognition during non-movement periods, from planning future routes through space to traversing “conceptual” space. A wide range of approaches, from computational modelling, to electrophysiological recordings in rodents, to fMRI in humans, will be presented on this topic. The symposium will broaden the theoretical focus on grid cells to understand how these neurons contribute more generally to memory and cognition, and how these mechanisms might be impaired in specific clinical populations.

1. **Using Grid Cells for Navigation** A-0073
Daniel Bush, Caswell Barry, Daniel Manson, Neil Burgess
UCL Institute of Cognitive Neuroscience, London, UK; UCL Institute of Neurology, London, UK; UCL Department of Cell and Developmental Biology, London, UK; UCL Centre for Maths and Physics in the Life Sciences and Experimental Biology, London, UK
2. **Coordinated Grid and Place Cell Replay during Rest** A-0213
Freyja Olafsdottir, Francis Carpenter, Caswell Barry
Department of Cell and Developmental Biology, UCL
3. **Trigonometric computations in entorhinal cortex support wayfinding** A-0077
Tobias Navarro Schröder, Christian F. Doeller
Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, The Netherlands

ROOM 3

4. **Grid-like processing of imagined navigation** A-0174
Aidan Horner, James Bisby, Ewa Zotow, Daniel Bush, Neil Burgess
University of York, York, UK; University College London, London, UK

5. **Grid-cell representations in mental simulation** A-0110
Jacob L.S. Bellmund, Lorena Deuker, Tobias Navarro Schröder, Christian F. Doeller
Radboud University, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The Netherlands Ruhr University Bochum, Institute of Cognitive Neuroscience, Department of Neuropsychology, Bochum, Germany

6. **Organizing conceptual knowledge in humans with a grid-like code** A-0076
Alexandra O. Constantinescu, Jill X. O'Reilly, Timothy E.J. Behrens
University of Oxford

7. **Impaired grid-cell-like representations in humans at genetic risk for Alzheimer's disease** A-0090
Lukas Kunz, Tobias Navarro-Schröder, Christian Doeller, Nikolai Axmacher
German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany; Department of Epileptology, University of Bonn, Bonn, Germany; Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, The Netherlands; Department of Neuropsychology, Institute of Cognitive Neuroscience, Ruhr-University Bochum, Bochum, Germany

ROOM 4

I013 RETRIEVAL PROCESSES III

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 4

Chair: Talya Sadeh

- 1. Testing the Dual-Factor Theory of Forgetting: Both Interference and Decay Matter** A-0723
Talya Sadeh, Jason D. Ozubko, Gordon Winocur, Yonatan Goshen-Gottstein, Rani Moran, Morris Moscovitch
Rotman Research Institute, Baycrest Centre, Toronto, ON, Canada; School of Psychological Sciences, Tel-Aviv University, Tel-Aviv, Israel
- 2. Smriti: A model for episodic and reconsolidation memory** A-0775
M. Kapardi, A. Kavitha
S.S.N College Of Engineering, Chennai, India
- 3. The Multiple Problems of Multiple Choice: A New Type of Negative Testing Effect** A-0782
Lauren Griffiths, Philip Higham, Helen Rackstraw
University of Southampton
- 4. Functional and structural evidence of hippocampal involvement on the Testing effect** A-0786
Jaione Arnaez-Telleria, Garikoitz Lerma-Usabiaga, Manuel Carreiras, Pedro M. Paz-Alonso
BCBL. Basque Center on Cognition, Brain and Language, Donostia-San Sebastián, Spain; IKERBASQUE, Basque Foundation for Science, Bilbao, Spain; Departamento de Lengua Vasca y Comunicación, UPV/EHU, Bilbao, Spain
- 5. It is not that Random: What You Remember Influence Subsequent Recall** A-0973
Sezin Öner, Sami Gülgöz
Koç University, Istanbul, Turkey
- 6. Post-warnings can undo stereotype-induced memory distortion** A-0697
Hartmut Blank, Lauren Rutter, Rebecca Armstrong
University of Portsmouth

I023 FORGETTING II

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 4

Chair: Ben Levy

- 1. Fostering Mnemonic Convergence: The Role of Relational Motives and Social Presence In Eliciting Socially Shared Retrieval-Induced Forgetting** A-0698
Martin M. Fagin, William Hirst
The New School for Social Research

ROOM 4

2. **Retrieval-induced forgetting in the Real World: Towards an end of day review for memory augmentation** A-0779
Geoff Ward, Caterina Cinel, Cathleen Cortis
University of Essex
3. **Neural Substrates Underlying Intentional Forgetting: a Simultaneous EEG-fMRI Study** A-0787
Xu Lei, Yulin Wang, Michael C Anderson
Key Laboratory of Cognition and Personality (Ministry of Education), Chongqing 00, China; School of Psychology, Southwest University, Chongqing 00, China; MRC Cognition and Brain Sciences Unit, Cambridge, UK; Behavioural and Clinical Neurosciences Institute, Cambridge, UK
4. **Is it ageing that I can not stop not to think?** A-0848
Asheek Mohammad Shimul, Jinat Fouzia
University of Dhaka, Bangladesh
5. **Memory suppression and its influence on emotional valence of memory** A-0850
Yoshiko Honma, Jun Kawaguchi
Shinshu University, Japan; Nagoya University, Japan
6. **Exploring cholinergic and psychological mechanisms underlying Retrieval Induced Forgetting in individuals with schizophrenia** A-0940
Trudi Edginton, Fiorentina Sterkaj, David Groome, Angela Clow, Kevin Morgan
University of Westminster; University of Suffolk
7. **The reliability of retrieval-induced forgetting revisited** A-0941
Ben Levy
University of San Francisco

ROOM 4

S0016

GOOD VIBES FOR MEMORY: HOW RHYTHMIC NEURAL ACTIVITY SHAPES WHEN, HOW, AND WHAT WE REMEMBER

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 4

Chair: Markus Werkle-Bergner, Myriam C. Sander

An intrinsic property of neural circuits in mammalian brains is to synchronize firing patterns while processing internally or externally generated information. On an aggregate level, the synchronized firing of cell assemblies gives rise to oscillatory changes in local field potentials (LFP) and to macroscopically recorded electrophysiological (i.e., EEG) signals. Theoretical, computational, and empirical studies suggest neural oscillations as an efficient mechanism for local information representation as well as for global information exchange. Accordingly, a mechanistic understanding of brain oscillations is crucial for a detailed account of how memories are maintained in STM, encoded into LTM, consolidated, and finally retrieved during remembering. Unfortunately, integrated knowledge about the genesis of neural oscillatory patterns by single neuron activity, synchronization in local networks, and the global transmission in network interactions is scarce. The gap is even wider when the functional consequences for memory performance are concerned. Hence, the present symposium aims at presenting recent advances in understanding the oscillatory mechanisms underlying representation, consolidation, and control of memory contents. The contributors will highlight theoretical problems, current trends, and open questions towards a detailed understanding how neural oscillations shape our memories.

THURSDAY PROGRAM

- 1. Dynamic Mapping of Spatial and Temporal Networks during Memory-Guided Attention** A-0199
Eva Zita Patai, Anna Christina Nobre
Oxford Centre for Human Brain Activity, University of Oxford, Oxford, United Kingdom
Dept. of Experimental Psychology, University of Oxford, Oxford, United Kingdom
- 2. Frontal-Midline Theta Oscillations as a Gear-Box in the Brain** A-0263
Paul Sauseng, Barbara Berger, Tamas Minarik
Ludwig-Maximilian-University Munich, Germany
- 3. Hippocampal pattern completion and gamma power increase during recollection** A-0205
Bernhard P. Staresina
School of Psychology, University of Birmingham, Birmingham, UK
- 4. Content-specific representations via intracranial EEG oscillations** A-0197
Nikolai Axmacher
Department of Neuropsychology, Institute of Cognitive Neuroscience, Faculty of Psychology, Ruhr University Bochum, Bochum, Germany
- 5. Rhythmic neural alpha activity during encoding tracks the depth of mnemonic processing** A-0196
Myriam C. Sander, Yana Fandakova, Thomas H. Grandy, Yee Lee Shing, Markus Werkle-Bergner
Max Planck Institute for Human Development, Berlin, Germany; University of California, Davis & Berkeley, United States; University of Stirling, Scotland

ROOM 4

6. **The Synchronization/De-Synchronization Model: A New Account on Oscillations and Memory** A-1033
Simon Hanslmayr, George Parish, Howard Bowman
School of Psychology, University of Birmingham, UK; School of Computing, University of Kent, UK
7. **Oscillatory mechanisms of memory reactivation during sleep** A-0200
Björn Rasch
University of Fribourg, Departement of Psychology, Division of Cognitive Biopsychology and Methods, Switzerland Zurich Center for Interdisciplinary Sleep Research (ZiS), Zurich, Switzerland

ROOM 5

S0056

KEY FINDINGS IN WORKING MEMORY

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 5

Chair: Geoff Ward

A recent exercise organised by Oberauer and Lewandowsky has attempted to identify benchmark findings in working memory. Inspired by this attempt, the symposium organiser asked six contributors to identify a key empirical finding (or findings) in the field of working memory (broadly construed) and present theories and / or data that help explain why the finding is important and how it might be best explained.

1. **Recalling the first thing first: List length and output order effects in immediate free and serial recall** A-0975
Geoff Ward, Lydia Tan
University of Essex; City University, London
2. **Modelling immediate serial recall performance in a macaque: A computational comparison of competitive queuing and gain-field models** A-0976
Mark J. Hurlstone
University of Western Australia & Commonwealth Scientific and Industrial Research Organisation
3. **Complex span tasks are continual distractor tasks (and vice versa)** A-0977
Ian Neath, Jean Saint-Aubin, Aimée M. Surprenant
Memorial University of Newfoundland; Université de Moncton
4. **Contiguity in Episodic Memory** A-0978
Michael J. Kahana
University of Pennsylvania
5. **When dual task demands do not interact with cognitive load** A-0979
Robert H. Logie, Jason Doherty
University of Edinburgh
6. **Independent capacities but constrained output orders in the simultaneous free recall of auditory-verbal and visuo-spatial stimuli** A-0981
Cathleen Cortis, Geoff Ward, Kevin Dent
University of Essex

ROOM 5

S0019

METHODOLOGICAL AND STATISTICAL ADVANCES IN AUTOBIOGRAPHICAL MEMORY RESEARCH

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 5

Chair: Steve M. J. Janssen, Joseph M. Fitzgerald

Discussant: Katinka Dijkstra

Careful reading of the literature suggests that some autobiographical memory researchers have drawn conclusions that were not fully supported by the experimental or statistical methods that they had used. In this symposium, speakers from the US, Canada, Germany, Switzerland and Malaysia will discuss perceived limitations of previous work and offer alternative approaches. By increasing the arsenal of methodological and statistical techniques available, we hope to improve the quality of autobiographical memory research.

The first two presentations will discuss methodological advances. Habermas suggests four types of data generation stemming from social, developmental, and clinical psychology. Demiray and Martin use an experience-sampling technique to measure memory functions. The following three presentations will discuss statistical advances. Fitzgerald and Broadbridge use multitrait-multimethod analyses to examine construct validity of the memory functions. Zimprich and Wolf use non-linear mixed models to examine the influence of individual differences on the reminiscence bump. Janssen uses the RIRRE model to compare distributions from samples with different age ranges and to correct these distributions for the recency effect. In the final presentation, Brown and Uzer introduce a technique to distinguish directly and indirectly retrieved memories and discuss their work in light of methodological issues, such as effect size and replication.

1. **Three methods for examining autobiographical memory retrieval** A-0189
Katinka Dijkstra
Erasmus University Rotterdam, the Netherlands
2. **Functions of recalling the past in everyday life: An experience-sampling study focussing on within-person variation** A-0190
Burcu Demiray, Mike Martin
University of Zurich, Switzerland
3. **The application of advanced statistical modelling to self-report data in autobiographical memory** A-0191
Joseph M. Fitzgerald, Carissa L. Broadridge
Wayne State University, USA; Saint Xavier University, USA
4. **Modelling the lifespan curve of autobiographical memories using non-linear mixed models** A-0192
Daniel Zimprich, Tabea Wolf
University of Ulm, Germany
5. **Uncovering the reminiscence bump in the distributions of young adults with the RIRRE model** A-0193
Steve M. J. Janssen
University of Nottingham - Malaysia Campus, Malaysia

ROOM 5

6. **On the direct retrieval of autobiographical memories: Is it real yet?**

A-0194

Norman R. Brown, Tugba Uzer

University of Alberta, Canada; TED University, Turkey

S0034

BEYOND YES AND NO: MEMORY IS CONDITIONAL

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 5

Chair: Avi Karni, Sara Ferman

Discussant: Peter De Weerd

Understanding the neuro-behavioral constraints under which memory consolidation processes can be triggered and successfully completed is one of the most exciting challenges in the field of memory research. However, in many situations, research and practical, there is a tacit assumption that the 'nature' of the task is the main factor in engaging memory processes and that learning conditions relevant for typical young adults are appropriate as benchmarks for mnemonic function. We will present lines of evidence highlighting the following aspects: i. that the initiation/triggering of memory processes are contingent on learning conditions, with some processes under-engaged unless specific conditions are met (repetitions, relevance, variability, performance level attained, time-of-day); ii. that the completion and maintenance of mnemonic processes is conditional (sleep, interference) and age dependent (before and after puberty, senescence); iii. specific mnemonic processes are preferentially engaged depending on the conditions of the learning experience (which memory system, interaction between systems). Thus learning conditions that have been optimized to generate long-term memory in typical young adults may not be suitable for others (age-groups, developmental or acquired impairments) for expressing their full memory potential; atypical mnemonic processing may result from learning and test conditions that do not meet the required neuro-behavioral constraints.

1. **Cerebral Pre-Requisite for Optimal Sleep-Related Procedural Memory Consolidation** A-1032

Geneviève Albouy

Movement Control and Neuroplasticity Research Group, Kinesiology Department, KU Leuven, Leuven, Belgium

2. **Conditions that matter: skill learning and long-term procedural memory in senescence and ADHD** A-1061

Avi Karni

University of Haifa, Haifa, Israel

3. **Sleep-facilitated motor memory consolidation in older adults depends on initial encoding** A-1034

Bradley R. King

Movement Control and Neuroplasticity Research Group, KU Leuven, Leuven, Belgium

4. **Unlike adults, children need special 'enhanced' conditions to learn a complex language task** A-1051

Sara Ferman

Tel Aviv University, Tel Aviv, Israel & The Center for Academic Studies, Or Yehuda, Israel

ROOM 5

5. **Beyond age: A Developmental Perspective of the Dependence of Skill Learning on Conditions** A-1047
Esther Adi-Japha
School of Education, Bar-Ilan University, Ramat-Gan, Israel

6. **Do memories consolidate? Insights from visual skill learning studies** A-0293
Gesa Lange

7. **Direct and indirect measures of contextual memory in patients with traumatic brain injury** A-1055
Eli Vakil
Department of Psychology and Leslie and Susan Gonda Multidisciplinary Brain Research Center, Bar-Ilan University, Ramat-Gan, Israel

ROOM 6

S0043 MEMORY AND GENETICS

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 6

Chair: Souchay Céline, Fabienne Collette

This symposium presents studies investigating the links between genetics and memory. To give an overview of the state of the art, 6 talks using different methodologies will be featured. Three papers will present memory deficits in genetic developmental disorders such as 22Q11 syndrome (Baulhsen) or Down syndrome (Marjerus and Smith). Another paper (Souchay) will present a case study of a family with a new microdeletion and short term memory deficits. The last two talks will present studies investigating the role of dopamine-relevant genes in working memory (Collette) and episodic memory (Papenberg) in healthy older adults and the impact of dopamine regulation on the aging process. Together, these talks will showcase novel patient research which elucidates the genetic basis of memory.

1. **Verbal short-term memory and lexical language abilities in Down syndrome: a task-driven association?** A-0425
Steve Marjerus
University of Liège, Belgium
2. **A framework to measure executive function in Down syndrome, with applications for dementia screening** A-0426
Liz Smith, Chris Jarrold
School of Experimental Psychology, University of Bristol, UK
3. **Prospective Memory in 22Q11.1 syndrome** A-0427
Nicola Ballhausen, Lydia Dubourg, Matthias Kliegel, Stephan Eliez
Departement of Psychology, University of Geneva, Switzerland; Department of Psychiatry & Neuroscience Center, University of Geneva, Switzerland
4. **Heterozygous deletion of the LRFN2 gene is associated with working memory deficits** A-0428
Céline Souchay, Julien Thevenon, Ina Dygai-Cochet, Laurence Faivre
Laboratoire de Psychologie et Neurocognition, University Grenoble-Alps, France; Genetic center, Dijon, France; Nuclear Medicine Department, Dijon, France
5. **The influence of COMT on the neural substrates of short-term memory in normal aging** A-0429
Fabienne Collette, Marine Manard
Cyclotron Research Centre, University of Liège, Belgium
6. **Dopamine genes modulate episodic memory in old age** A-0430
Goran Papenberg
Aging Research Center, Karolinska Institutet and Stockholm University, Stockholm, Sweden

ROOM 6

S0040

RESEARCH ON INVOLUNTARY AUTOBIOGRAPHICAL MEMORIES: PAST, PRESENT AND FUTURE

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 6

Chair: Lia Kvavilashvili

Discussant: Daniel Schacter

Twenty years have passed since the publication of a landmark paper by Dorthe Berntsen in 1996 on involuntary autobiographical memories. These are memories of past events that come to mind unexpectedly often in response to easily identifiable cues in one's environment or thoughts. They have been contrasted with both the intrusive (repetitive) memories of traumatic events, as well as the deliberate recall of autobiographical events in response to direct demands/prompts in the current situation.

Despite a relatively brief period of existence, research on involuntary autobiographical memories has grown rapidly with numerous empirical articles and several edited and single authored books on the topic. A variety of methods have been used including diary and experience sampling methods, questionnaires, interviews and different experimental paradigms. The aim of this symposium is to celebrate 20 years of research on involuntary autobiographical memories by bringing together several experts to discuss their latest findings and future directions. The presentations will cover a wide variety of key issues such as underlying mechanisms of involuntary autobiographical memories and their relation to voluntary autobiographical memories, the accuracy of involuntary memories, as well as the development in children and the nature of involuntary memories in normal and abnormal ageing.

- 1. Involuntary autobiographical memories and their mechanisms** A-0329
Dorthe Berntsen
Aarhus University, Aarhus, Denmark
- 2. Why are we not flooded by involuntary autobiographical memories? Evidence for a role of attentional load** A-0330
Manila Vannucci, Claudia Pelagatti, Maciej Hanczakowski
University of Florence, Italy; Cardiff University, UK
- 3. False involuntary memories** A-0331
Giuliana Mazzoni, Barbara Pizzini, Danila di Foggia
University of Hull, UK; University of Milan, Italy
- 4. Older adults report twice as frequent future-oriented thoughts and moderately more detailed memories** A-0332
Robert S. Gardner, Matteo Mainetti, Giorgio A. Ascoli
George Mason University, Virginia, US; Syracuse University, New York, US
- 5. A spontaneous retrieval deficit in older adults with Mild Cognitive Impairment** A-0328
Agnieszka Niedźwieńska, Lia Kvavilashvili
University of Hertfordshire, Hatfield, UK; Jagiellonian University, Krakow, Poland
- 6. "The Teddy is inside!": Experimentally induced spontaneous memories in 35- and 46-month-olds** A-0333
Peter Krøjgaard, Osman S. Kingo, Toril S. Jensen, Dorthe Berntsen
Aarhus University, Aarhus, Denmark

ROOM 6

7. **Involuntary autobiographical memories and mind-pops: A developmental study** A-0334
Ruth Ford, Lia Kvavilashvili
Anglia Ruskin University, Cambridge, UK; University of Hertfordshire, Hatfield, UK

S0050

AUTOBIOGRAPHICAL MEMORY AND PSYCHOPATHOLOGY

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 6

Chair: Mirjam Vermeulen, Fortesa Kadriu

Recently, more clinical research have been focusing on mechanisms underlying autobiographical memory disturbances. The increased understanding of these underlying mechanisms, which are involved in the onset and maintenance of multiple disorders, can facilitate treatment development for various clinical population. The growing body of evidence based-treatments using autobiographical memory mechanisms shows the importance of research in this specific topic. Presenters will discuss new research examining the link between autobiographical memory and psychopathology. The memory processes include, but are likely not limited to, memory specificity bias and over general memory, centrality bias, and intrusive thoughts and images. Each of the autobiographical memory mechanisms have been studied within a specific (sub)clinical context. In this symposium, the latest research findings on memory processes in trauma, eating disorder, depression, and social anxiety will be presented side by side, in order to foster a broad way of thinking about memory processes in psychopathology. Furthermore (potential) clinical implications using autobiographical memory processes will presented.

The first part of the symposium will cover a broad spectrum of theoretical research on the link between autobiographical memory and different disorders. The second part of the symposium will consists of talks concerning a more experimental approach using different clinical implications.

1. **OGM pre trauma as a vulnerability factor for current posttraumatic symptoms** A-0868
Sabine Schönfeld, Judith Schäfer, Michael Höfler, Hans-Ulrich Wittchen
Technische Universität Dresden, Dresden, Germany
2. **Autobiographical Memory and Future Goals in Dissociative Identity Disorder and Complex PTSD** A-0871
Rafaële J. C. Huntjens, Ineke Wessel
University of Groningen, Groningen, The Netherlands
3. **Eating disorder symptoms and autobiographical memory bias in an analogue sample** A-0872
Ineke Wessel, Rafaële J. C. Huntjens
University of Groningen, Groningen, The Netherlands
4. **Characteristics and content of intrusive images in patients with eating disorders** A-0874
Fortesa Kadriu, Julie Krans, Laurence Claes
KU Leuven, Leuven, Belgium
5. **Computerized Memory Specificity Training** A-0877
Keisuke Takano, Jun Moriya, Filip Raes
KU Leuven, Leuven, Belgium; Kansai University, Osaka, Japan

ROOM 6

6. **Selective autobiographical memory bias and memory bias modification in social anxiety** A-0878
Julie Krans
KU Leuven, Leuven, Belgium
7. **Memory centrality of a distressing event and its effect on post-traumatic stress symptoms** A-0879
Mirjam Vermeulen, Adam D. Brown, Filip Raes, Julie Krans
KU Leuven, Leuven, Belgium; NYU School of Medicine, New York, USA

ROOM 7

I061 DEVELOPMENT OF MEMORY II

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 7

Chair: Tim Graf

1. **Testing a new approach to improve recall in different ages: Providing witnesses with a model statement** A-0138
Nathalie Brackmann, Henry Otgaar, Emma Roos af Hjelmsäter, Melanie Sauerland
Maastricht University, the Netherlands; University of Gothenburg, Sweden; City University London, UK
2. **Childhood Anxiety: The effect of interpretation on memory errors** A-0203
Lauren Bryce, Karen Salmon, David Harper
Victoria University of Wellington
3. **Mechanisms of Word-learning in Typical and Atypical Development** A-0215
Stella Sakhon, Jamie Edgin
The University of Arizona, Tucson, United States
4. **Interaction of stress, attention, and lexicality in pupil old/new effects** A-0253
Tim Graf, Andreas Brocher
University of Cologne, Cologne, Germany
5. **Altered video task in 15-month-olds: how to bridge the gap between Tulving's definition and current methods?** A-0283
Katarzyna Bobrowicz, Maciej Haman, Ryszard Bobrowicz
Lund University, Lund, Sweden; University of Warsaw, Warsaw, Poland; University of Copenhagen, Copenhagen, Denmark
6. **Memory and Development** A-0298
Nouman Nadeem
Islamabad Model College for Boys, Islamabad, Pakistan

ROOM 7

S0012

DEVELOPMENTAL CHANGES IN MEMORY BINDING, PATTERN SEPARATION, AND PATTERN COMPLETION ACROSS THE LIFESPAN

THURSDAY, 21 JULY 2016 | 13:00-15:15 | ROOM 7

Chair: Chi Ngo, Nora Newcombe

Episodic memory requires the formation of complex configural representations, enabling generalization across similar events and discrimination among similar events that shared overlapping elements, preventing memory interference. Given that episodic memory undergoes significant changes across the lifespan, there has been an growing interest in examining the developmental changes in the underlying processes accounting for the age effect on episodic memory, including memory binding, pattern separation, and pattern completion. Collectively, the work presented in this symposium will characterize the developmental changes in these processes and their neural correlates beginning from early childhood to normal aging. This symposium will include some of the newest and most exciting work in this line of research with methods ranging from comparative, behavioral, eye-tracking, neuroimaging, to Single Nucleotide Polymorphisms genotyping approaches.

- 1. The development of lure discrimination and relational memory in young children and adults** A-0119
Chi T. Ngo, Nora S. Newcombe, Ingrid R. Olson
Temple University, Philadelphia, Pennsylvania, USA
- 2. Trajectories of emergence of pattern completion and pattern separation in early development** A-0179
Rebecca Gomez
The University of Arizona
- 3. Forgetting development: Memory binding and interference effects in childhood and beyond** A-0139
Kevin P. Darby, Vladimir M. Sloutsky, Leyre Castro Ruiz, Edward A. Wasserman
The Ohio State University; Iowa University
- 4. Neural Basis of Episodic Memory Development: Evidence from Single Nucleotide Polymorphism (SNP) Genotyping** A-0125
Hyungwook Yim, Simon J. Dennis, Christopher W. Bartlett, Vladimir M. Slutsky
Department of Psychology, The Ohio State University, USA Department of Psychology, The Univeristy of Newcastle, Australia Department of Pediatrics, The Ohio State Universtiy, Columbus, Ohio, USA
- 5. Development of Spatial Pattern Separation and Completion: Eye-movements and Hippocampal Volume** A-0120
Joshua K. Lee, Simona Ghetti
University of California, Davis
- 6. Age-related differences in dentate gyrus volume uniquely linked to improvement in associative memory** A-0204
Noa Ofen, Ana Daugherty
Wayne State University, Detroit, USA

ROOM 7

7. **Hippocampal contributions to memory integration during childhood and adolescence** A-0113
Alison R. Preston
The University of Texas at Austin
8. **Pattern separation in aging and disease states** A-0121
C. Brock Kirwan
Brigham Young University, Provo, UT, USA

I022 FORGETTING III

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 7

Chair: Karl-Heinz T. Bäuml

1. **Beneficial memory effects of a forget cue: Reconciling prominent views on list-method directed forgetting** A-0391
Bernhard Pastötter, Karl-Heinz T. Bäuml
Regensburg University, Regensburg, Germany
2. **Beneficial effects of selective memory retrieval** A-0473
Karl-Heinz T. Bäuml, Lisa Wallner
Department of Experimental Psychology, Regensburg, Germany
3. **Investigating the Effects of Forgiveness on Intentional Forgetting.** A-0610
Saima Noreen, Raynette Bierman, Malcolm D. MacLeod
University of St Andrews, Scotland, UK. (Now moved to Goldsmiths, University of London, UK)
4. **Retrieval induced forgetting (RIF) of autobiographical memories of experimentally induced real-life experiences** A-0620
Eszter Somos, Tjeerd Jellema, Giuliana Mazzoni
University of Hull
5. **Retrieval-induced Forgetting as a Motivated Cognition Effect** A-0642
Gennaro Pica, Antonio Pierro, Arie W. Kruglanski
University of Rome "La Sapienza", Rome, Italy; University of Maryland, College Park, USA
6. **The Right, but Not the Left Prefrontal Cortex is Necessary for the Suppression of Unwanted Memories** A-0676
S. Shanker, O. H. Turnbull, M. R. Bracewell, M. C. Anderson
MRC Cognition and Brain Sciences Unit, Cambridge United Kingdom, School of Psychology, Bangor University, North Wales, United Kingdom, Department of Psychology, Bournemouth University, United Kingdom

ROOM 8

I083

WORKING MEMORY AND RECOGNITION III

THURSDAY, 21 JULY 2016 | 09:30-11:30 | ROOM 8

Chair: Keisuke Fukuda

1. **Predicting and improving recognition memory using single-trial electrophysiology** A-0709
Keisuke Fukuda, Geoffrey F. Woodman
Vanderbilt University, Nashville, USA
2. **Frequency-specific insight into short-term memory capacity** A-0758
Matteo Feurra, Giulia Galli, Enea Francesco Pavone, Alessandro Rossi, Simone Rossi
Department of Medicine, Surgery and Neuroscience, Unit of Neurology and Clinical Neurophysiology, Brain Investigation & Neuromodulation Lab. (Si-BIN Lab), Azienda Ospedaliera Universitaria of Siena, Policlinico Le Scotte, Siena, Italy; School of Psychology, Centre for Cognition and Decision Making, National Research University Higher School of Economics, Russian Federation; Department of Psychology, Faculty of Arts and Social Sciences, Kingston University. Kingston Upon Thames, United Kingdom; Department of Psychology, Sapienza University of Rome, Rome, Italy
3. **Individual Differences in Resting Heart Rate Variability and Memory: Results of Two Studies Using the Think/No Think and the Deese-Roediger-McDermott Paradigms** A-0785
Julian F. Thayer, DeWayne P. Williams, Brandon Gillie, Nicole Feeling, Julian Koenig, Michael W. Vasey
The Ohio State University, Columbus, USA; University of Heidelberg, Heidelberg, Germany
4. **Discrimination Index derived from fixation duration as a measure of memory sensitivity** A-0858
Magali H. Sivakumaran, Andrew K. Mackenzie, James A. Ainge, Akira R. O'Connor
University of St Andrews, UK; Nottingham Trent University, UK
5. **ERP similarity across multiple encoding episodes and recognition** A-0900
Carolin Sievers, Louis Renoult
University of East Anglia, Norwich, UK
6. **No trade-off between memory specificity and memory generalization** A-0902
Dasa Zeithamova, Anthony Resnick, Maria-Alejandra De Araujo Sanchez, Caitlin R. Bowman
University of Oregon
7. **The domain-generalty of working memory capacity: A matter of ability** A-0935
Kristof Kovacs, Dylan Molenaar, Andrew Conway
Eszterhazy Karoly College, Hungary University of Amsterdam, The Netherlands Claremont Graduate University, USA

ROOM 8

I111

MEMORY ENCODING AND LEARNING

THURSDAY, 21 JULY 2016 | 13:00-15:00 | ROOM 8

Chair: Kristin E. Flegal

- 1. Generation effect in source memory for actions after enactment** A-0451
Nicholas Lange, Timothy J. Hollins, Patric Bach
Plymouth University
- 2. PowerpointLESS - implementing more active encoding strategies in lectures to promote recall** A-0515
Katie Coria, Philip Higham
University of Southampton
- 3. Motor responses modulate episodic memory encoding in humans** A-0789
M. Yebra, A. Galarza-Vallejo, V. Soto-León, J. Gonzalez-Rosa, A. Oliviero, MCW. Kroes, B.A. Strange
Laboratory for Clinical Neuroscience, CTB. Madrid, Spain Fennsi, Hospital Nacional de Paraplégicos, Toledo, Madrid New York University, New York, NY Fundación Reina Sofía, Madrid, Spain
- 4. Anticipation measures of sequence learning: manual vs oculomotor versions of the serial reaction time task** A-0163
Eli Vakil, Ayala Bloch, Hagggar Cohen
Department of Psychology and Multidisciplinary Brain Research Center, Bar-Ilan University, Ramat-Gan, Israel
- 5. Adaptive task difficulty promotes neural plasticity and transfer of training** A-0198
Kristin E. Flegal, J. Daniel Ragland, Charan Ranganath
Institute of Neuroscience and Psychology, University of Glasgow, Scotland, UK; Center for Neuroscience, University of California, Davis, CA, USA; Department of Psychiatry and Behavioral Sciences, University of California, Davis, CA, USA; Department of Psychology, University of California, Davis, CA, USA
- 6. Parallel activation of implicit and explicit category learning processes in case of naturalistic stimuli** A-0957
Anett Rago, Mate Varga, Eszter Somos
University of Eotvos Lorand, Budapest Budapest University of Technology and Economics University of Hull

ROOM 8

I123

NEUROSCIENCE OF MEMORY IV

THURSDAY, 21 JULY 2016 | 15:30-17:30 | ROOM 8

Chair: David Smith

- 1. Intentional rehearsal bypasses the hippocampus during episodic memory encoding** A-0643
Aya Ben-Yakov, Ido Toren, Noga Cohen, Yadin Dudai
Weizmann Institute of Science, Rehovot, Israel; Columbia University, New-York, USA
- 2. Explicit warnings on false memories: An event-related potential study** A-0654
Sara Cadavid, Maria Soledad Beato
University of Minho; Universidad de Salamanca
- 3. Baseline connectivity between the hippocampus and medial prefrontal cortex is associated with processing and encoding schema-consistent events** A-0706
Niv Reggev, Alexa Tompary, Amnon Yacoby, Oded Bein, Lila Davachi, Anat Marl
Hebrew University of Jerusalem, Israel New York University, NY, USA Center for Neural Science, NYU, USA
- 4. Placing Memories in Context: Hippocampal Representations Promote Interference-Free Retrieval of Context-Appropriate Memories.** A-0715
David A. Bulkin, David M. Smith
Department of Psychology Cornell University Ithaca, NY USA
- 5. Functional and structural correlates associated with mnemonic control** A-0726
Garikoitz Lerma-Usabiaga, Silvia A. Bunge, Lorna García, Manuel Carreiras, Pedro M. Paz-Alonso
BCBL. Basque Center on Cognition, Brain and Language, Donostia-San Sebastián, Spain; Helen Wills Neuroscience Institute & Department of Psychology, UC Berkeley, CA, USA; Ikerbasque. Basque Foundation for Science, Bilbao, Spain
- 6. Optimizing trial timing in memory experiments for fMRI decoding analyses** A-0727
Dasa Zeithamova, Maria-Alejandra De Araujo Sanchez, Anisha Adke
University of Oregon, USA
- 7. Associative reinstatement memory measures hippocampal function in Parkinson's Disease** A-0731
Melanie Cohn, Irene Giannoylis, Maya De Belder, Mary Pat McAndrews
Toronto Western Hospital UHN, Toronto, Canada; Krembil Research Institute, Toronto, Canada; University of Toronto, Toronto, Canada; Ghent University, Ghent, Belgium
- 8. The ultimate role of the perirhinal cortex in familiarity: a novel hypothesis** A-0769
Gabriel Besson, Christine Bastin
Cyclotron Research Center, University of Liege, Belgium

**P3
POSTER SESSION III****THURSDAY, 21 JULY 2016 | 11:30-13:00 | ROOM: AULA**

1. **Pseudowords primacy in free recall** A-0930
Jackeline Neves Pereira, Silmara Batistela, Orlando Francisco Amodeo Bueno
Universidade Federal de São Paulo, São Paulo, Brazil
2. **Memory facilitation for neutral faces encountered in goal-relevant contexts: An fMRI study** A-0720
Alison Montagrin, Virginie Sterpenich, Leonardo Ceravolo, Tobias Brosch, Didier Grandjean, Jorge Armony, Sophie Schwartz, David Sander
University of Geneva, Department of Psychology, Switzerland University of Geneva, Department of Basic Neurosciences, Switzerland University of Geneva, Swiss Center for Affective Sciences, Switzerland Douglas Institute, Montreal, Canada
3. **Pupil constriction as an indicator of novelty encoding – Revisiting the von Restorff effect** A-0722
Marina P Gross, Nash Unsworth
Washington University in St. Louis, St. Louis, MO, U.S.A; University of Oregon Eugene, OR, USA
4. **Confidence and False Memories: the effects of self-relevant emotional content on individuals' confidence in episodic elements** A-0724
Irina M. Lucaciu, Maneesh V. Kuruvilla, Akira R. O'Connor
School of Psychology and Neuroscience, University of St Andrews, St Andrews, UK
5. **I recall the Firedog: Paradoxically enhanced memory for new compound words among individuals with memory decline** A-0725
Talya Sadeh, Asaf Gilboa, Sigal Gat-Lazer, Christa Dang, Morris Moscovitch
Rotman Research Institute Baycrest Centre Toronto, ON, Canada
6. **Using MEG to identify the neural correlates of recollection- and familiarity-based recognition in a source memory task.** A-0728
Nai-Feng Chen, Chun-Hsien Hsu, Shih-kuen Cheng
Institute of Cognitive Neuroscience, National Central University, Taiwan; Institute of Linguistics, Academia Sinica, Taiwan
7. **Autobiographical reasoning and emotional aspects of autobiographical memory** A-0729
Yuji Itoh, Eri Takenaka
Keio University, Tokyo, Japan
8. **An ERP Study of the Retrieval Orientation of Neutral Pictures Embedded in Emotional Contexts** A-0732
Shih-kuen Cheng, Sze-Ti Lin
Institute of Cognitive Neuroscience, National Central University, Taiwan

9. **The effects of self-choice and duration on true and false recognition in the DRM paradigm** A-0733
Yayoi Kawasaki, Yukio Itsukushima, Hiroshi Yama
Japan Society for the Promotion of Science/ Senshu University, Kanagawa, Japan Nihon University, Tokyo, Japan Osaka City University, Osaka, Japan
10. **Are you motivated to remember? The impact of pro-social and self-interested motivation on prospective memory** A-0734
Jill Talley Shelton, Spencer Hulse, Nicholas Comotto, Jessica Hacker, Michael Carroll
University of Tennessee at Chattanooga, Chattanooga, TN, USA
11. **The mnemonic consequences of co-witnesses selectively recalling details of a crime scene** A-0736
Riddhi H. Mehta, Betsy E. Galicia, Rima Malkan, Charles B. Stone
CUNY John Jay College of Criminal Justice, New York, USA
12. **How does updating work in the N-back task?** A-0746
Azumi Tanabe-Ishibashi, Ryo Ishibashi, Satoru Saito
Otemon Gakuin University, Japan; The University of Manchester, UK; Kyoto University, Japan
13. **The effects of the BDNF Val66Met polymorphism on autobiographical memory** A-0748
Géza Gergely Ambrus, Jessica Komes, Gyula Kovács, Stefan Schweinberger, Ingo Kurth, Wiebke Struckmann
Institute of Psychology, Friedrich Schiller University Jena; Department of Cognitive Science, Budapest University of Technology and Economics; Institute of Human Genetics, Friedrich Schiller University Jena
14. **Task switching hurts memory encoding** A-0749
Michèle Friedli, Beat Meier
Institute of Psychology and Center for Cognition, Learning, and Memory, University of Bern, Switzerland
15. **Neural correlates of mental context reinstatement supporting episodic memory retrieval** A-0750
Inês Bramão, Anna Karlsson, Mikael Johansson
Department of Psychology, Lund University, Sweden
16. **The effect of pre- and post-study choices on learning paired associates** A-0751
Andreas Jemstedt, Veit Kubik, Fredrik Jönsson
Stockholm University
17. **Does ego depletion increase the perceived familiarity of novel objects?** A-0752
Katsuya Tandoh
Aichi Shukutoku University, Japan
18. **State-related oscillatory brain activity associated with successful memory encoding** A-0753
Danying Wang, Christina S Konen, Wanyi Liu, Leun J Otten
University College London (UCL), UK

19. **Reduced positive imagery and elevated negative verbal spontaneous thinking in dysphoric relative to non-dysphoric individuals** A-0754
Julie L Ji, Fionnuala C. Murphy, Colin MacLeod, Emily A. Holmes
Medical Research Council Cognition & Brain Sciences Unit, Cambridge, UK, University of Western Australia, Australia, Babeş-Bolyai University, Romania; Karolinska Institutet, Sweden
20. **Implicit sequence learning in patients with major depressive episode** A-0755
Karolina Janacsek, Eموke Borbély-Ipkovich, Xénia Gonda, Dezsó Nemeth
Institute of Psychology, Eötvös Loránd University, Budapest, Hungary MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary Institute of Psychology, University of Szeged, Szeged, Hungary Department of Clinical and Theoretical Mental Health, Semmelweis University, Budapest, Hungary
21. **Age effects on distraction-induced recognition biases** A-0757
John A Allen, Zara Bergstrom
University of Kent, Canterbury, United Kingdom
22. **Agging and attentional refreshing impairment in working memory** A-0759
Gabriel Jarjat, Sophie Portrat, Pascal Hot
Université Savoie Mont-Blanc, Laboratoire de Psychologie et Neurocognition, UMR 0 – CNRS, 0 Chambéry, France ; Université Grenoble Alpes, Laboratoire de Psychologie et Neurocognition, UMR 0 – CNRS, 00 Grenoble, France
23. **Memory consolidation through retrieval: Semanticization of memory representations** A-0761
Catarina S. Ferreira, Maria Wimber
University of Birmingham, UK
24. **Testing effect with visual material depends on the verbalization of the material** A-0762
Catarina S. Ferreira, Maria Wimber
University of Birmingham, UK
25. **Does manipulating age in earliest memories affect narratives more than snapshots?** A-0764
Ineke Wessel, Akke-Marij D. Ariesen, Jildou J. Stapert, Vanessa Tapken
University of Groningen, The Netherlands
26. **Multisensory integration: beneficial effect of a motor exploration in kindergarten children** A-0766
Arthur Boisson, Hélène Labat, Annie Magnan, Rémy Versace
Laboratoire d'Étude des Mécanismes Cognitifs, Université Lumière Lyon, avenue Pierre Mendès-France Bron Cedex, France; LabEx Cortex ANR--LABX-00; Laboratoire Paragraphe, Université de Cergy-Pontoise, Institut d'éducation, Site de Gennevilliers, Avenue Marcel Paul, 0 Gennevilliers, France; Institut Universitaire de France

27. **Investigating the functional interaction between episodic and semantic memory: Is the semantic advantage contingent on awareness of a relationship at encoding?** A-0767
Joanne L. Park, David I. Donaldson
University of Stirling
28. **Delayed effects of reward conditioning on subsequent associative memory** A-0770
Ewa A. Miendlarzewska, Kristoffer Aberg, Daphne Bavelier, Sophie Schwartz
Department of Neuroscience, University of Geneva, Geneva, Switzerland Swiss Center for Affective Sciences, University of Geneva, Geneva, Switzerland Geneva Neuroscience Center, University of Geneva, Geneva, Switzerland Psychology Section, FPSE, University of Geneva, Geneva, Switzerland Brain & Cognitive Sciences, University of Rochester
29. **Thought substitution can reduce suppression-induced forgetting** A-0772
Javier García-Pacios, Roland G. Benoit, Michael C. Anderson
Department of Psychology. Faculty of Health Sciences. Camilo José Cela University, and Laboratory of Cognitive and Computational Neuroscience. Center for Biomedical Technology (UPM-UCM), Madrid, Spain; Harvard University, Department of Psychology and Center for Brain Science, Cambridge, MA, USA; MRC Cognition and Brain Sciences Unit, Cambridge, UK
30. **Pupil dilation reflects interference during memory retrieval** A-0773
Amanda Bjernstedt, Roger Johansson, Philip Pärnamets, Mikael Johansson
Lund University, Lund, Sweden; Karolinska Institutet, Stockholm, Sweden
31. **Fusion of distinct spatial representations in hippocampus** A-0774
Stepan Kapl, Stephanie Lissette Proskauer-Pena, Frantisek Zitricky, Karel Jezek
Biomedical Center, Faculty of Medicine in Pilsen, Charles University in Prague, Czech Republic
32. **False memories induced through dynamic video sequences enhance problem-solving behaviour** A-0778
Zacharia Nahouli, Ieva Biliunaite, Giuliana Mazzoni
University of Hull, UK
33. **Testing attention-based accounts of priming effects on subsequent memory** A-0780
Alexander J. Kaula, Andrea Greve, Richard Henson
MRC Cognition & Brain Sciences Unit, Cambridge, United Kingdom
34. **Retrieval-induce-forgetting in adults with inattention** A-0781
Masako Yamashita, Katsuya Tandoh, Kazunori Hanyu, Kazue Igarashi
Tokyo Ariake University of Medical and Health Sciences, Japan; Aichi Shukutoku University, Japan; Nihon University, Japan; Shirayuri Collage, Japan
35. **Cortisol Suppression During Sleep Enhances Memory Re-consolidation in Humans** A-0783
Antypa Despina, Rimmele Ulrike
Laboratory of Behavioral Neurology & Imaging of Cognition, Department of Neurosciences, University of Geneva, Switzerland Lemanic Neuroscience Doctoral School, Switzerland Swiss Center of Affective Sciences, Switzerland

36. **Withdrawal of Spatial Attention Following Intentional Forgetting** A-0790
Yuh-shiow Lee
National Chung-Cheng University, Chiayi, Taiwan, R. O. C.
37. **Retrieval practice and foreign-language vocabulary learning** A-0791
Yohei Yamada
Nara University of Education, Nara, Japan
38. **Tracking Memory Intrusions with Event-Related Potentials** A-0793
Robin Hellerstedt, Mikael Johansson, Michael C. Anderson
Lund University, Sweden; University of Cambridge, UK
39. **Dealing with errors during retrieval practice: effects of feedback with and without hints** A-0794
Gesa van den Broek, Eliane Segers, Hedderik van Rijn, Atsuko Takashima, Ludo Verhoeven
Radboud University Nijmegen, The Netherlands University of Groningen, The Netherlands
40. **The Relation between Autobiographical Memory Specificity, Executive Functions and Rumination in Major Depressive Disorder** A-0795
Burcu Kaya Kızılöz, Ali İ. Tekcan, Ayşecan Boduroğlu
Bogazici University, Istanbul, Turkey
41. **Unconscious Memory Formation** A-0800
Else Schneider, Katharina Henke
University of Bern, Switzerland
42. **Learning set size influences retrieval effort – evidence revealed by pupillometry** A-0808
Péter Pajkossy, Attila Keresztes, Mihály Racsmány
Research Group on Frontostriatal Disorders, Hungarian Academy of Sciences, Budapest, Hungary; Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary; Center for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany
43. **Encoding vs. retrieval mode modulates subsequent memory for scene images** A-0815
Nora A. Herweg, Tobias Sommer, Nico Bunzeck
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany; Department of Psychology, University of Luebeck, Luebeck, Germany
44. **A genetic variant of the noradrenergic system alleviates the stress-induced shift towards procedural learning** A-0818
Lisa Wirz, Jan Wacker, Martin Reuter, Lars Schwabe
Department of Cognitive Psychology, Institute for Psychology, University of Hamburg, Germany; Institute for Psychology, University of Hamburg, Germany; Department of Differential & Biological Psychology, Institute for Psychology, University of Bonn, Germany

45. **Do changes in resting-state EEG predict spatial working memory decline during aging?** A-0823
Giuliana Klencklen, Adeline Jabès, Pamela Banta Lavenex, Catherine Brandner, Pierre Lavenex
Laboratory for Experimental Research on Behavior, Institute of Psychology, University of Lausanne, Switzerland
46. **Hippocampal Pattern Completion Serves Successful Binding and Recollection of Multi-Element Events: Functional Evidence at 7Tesla** A-0833
Xenia Grande, James A. Bisby, Emrah Düzel, Neil Burgess
Institute of Cognitive Neurology and Dementia Research, Otto-von-Guericke University Magdeburg, Magdeburg, Germany; German Center for Neurodegenerative Diseases, Magdeburg, Germany; Institute of Cognitive Neuroscience, University College London, London, United Kingdom; Institute of Neurology, University College London, London, United Kingdom
47. **The Effects of Memory Load on Time Perception of Facebook and Internet Related Stimuli.** A-0824
Lazaros Gonidis, Dinkar Sharma, Joseph Brooks
University of Kent
48. **Genetically-determined dissociation between allocentric place learning and egocentric response learning in Williams syndrome** A-0827
Mathilde Bostelmann, Catherine Brandner, Floriana Costanzo, Silvia Divara, Emilie Fragnière, Pierre Lavenex, Deny Menghini, Stefano Vicari, Pamela Banta Lavenex
Laboratory for Experimental Research on Behavior, Institute of Psychology, University of Lausanne, Lausanne, Switzerland Department of Neuroscience, Bambino Gesù Children's Hospital, Rome, Italy
49. **Memory, attention and executive function in adults with cystic fibrosis (CF)** A-0831
Helen K Chadwick, Alison Morton, Clare L Lawton, Louise Dye, Michael W Mansfield, Daniel Peckham
University of Leeds, UK; Leeds Teaching Hospitals NHS Trust, UK
50. **Aberrant brain oscillations reveal episodic memory formation impairments in schizophrenia patients** A-0832
Federica Meconi, Sarah Straub, Heidelore Backes, Michael Landgrebe, Berthold Langguth, Karl-Heinz T. Baeuml, Simon Hanslmayr
Department of Developmental and Social Psychology, University of Padova, Italy Department of Neurology, University of Ulm, Ulm, Germany Department of Psychiatry and Psychotherapy, Philipps-University Marburg, Marburg, Germany Department of Psychiatry and Psychotherapy, University of Regensburg, Regensburg, Germany Department of Experimental Psychology, University of Regensburg, Regensburg, Germany School of Psychology, University of Birmingham, Birmingham, UK
51. **Memory Impairments in Patients with Vestibular Disorder** A-0834
Laura Smith, David Wilkinson, S Surethiran, Rowena Bicknell, Mayur Bodani
The University of Kent, UK Medway NHS Foundation Trust, UK Kent and Medway NHS Foundation Trust, UK

52. **Sleep Enhances Routes not Regions** A-0835
Hannes Noack, Wiebke Schick, Hanspeter Mallot, Jan Born
Institute for Medical Psychology and Behavioral Neurobiology, University of Tübingen, Tübingen, Germany; Cognitive Neuroscience, University of Tübingen, Germany
53. **Rapid and independent memory formation in the parietal cortex** A-0836
Svenja Brodt, Dorothee Pöhlchen, Virginia L. Flanagan, Stefan Glasauer, Steffen Gais, Monika Schönauer
Institute of Medical Psychology and Behavioral Neurobiology, Eberhard Karls Universität, Tübingen, Germany
54. **Impact of activated self-story on prospective memory** A-0837
Aleksandra Krogulska, Olga Mironiuk-Gracz, Jerzy Trzebiński
Jagiellonian University, Cracow, Poland; University of Social Sciences and Humanities, Warsaw, Poland
55. **The BDNF val66met polymorphism affects the Level of Processing effect of memory: A deep and shallow rTMS study.** A-0838
Anna Shpektor, Nikola Vukovic, Enea Francesco Pavone, Matteo Feurra
School of Psychology, Centre for Cognition and Decision Making, National Research University Higher School of Economics, Russian Federation. Center of Functionally Integrative Neuroscience, Institute for Clinical Medicine, Aarhus University, Denmark Social and Cognitive Neuroscience Lab, IRCCS Santa Lucia Foundation, Rome, Italy Department of Medicine, Surgery and Neuroscience, Unit of Neurology and Clinical Neurophysiology, Brain Investigation & Neuromodulation Lab. (Si-BIN Lab), Azienda Ospedaliera Universitaria of Siena, Policlinico Le Scotte, Siena, Italy
56. **The effect of transcranial direct current stimulation of right prefrontal cortex on the effectiveness of different learning strategies** A-0839
Miklós Marián, Ágnes Szöllösi, Márta Zimmer, Mihály Racsomány
Department of Cognitive Science, Budapest University of Technology and Economics, Hungary; Research Group of Frontostriatal Disorders, Hungarian Academy of Sciences
57. **Lie to me: Vulnerability of fMRI-based lie detection to covert counter measures** A-0843
Lorena Deuker, Rebekka Heinen, Alina Renner, Denise Siemons-Lühning, Nikolai Axmacher
Department of Neuropsychology, Institute of Cognitive Neuroscience, Ruhr-University Bochum, Bochum, Germany
58. **How robust is the relational eye movement effect? A replication attempt with objects.** A-0847
Marton Nagy, Ildiko Kiraly
Eotvos Lorand University, Department of Cognitive Psychology, Budapest, Hungary
59. **Event-based prospective memory in children with autism spectrum disorder – Influence of prospective memory task focality and ongoing task memory demands** A-0849
Julia Landsiedel, David Williams
School of Psychology, University of Kent, Canterbury, UK

60. **Electrophysiological correlates of episodic memory retrieval are material sensitive** A-0851
Anna Karlsson, Inês Bramão, Mikael Johansson
Department of Psychology, Lund University, Sweden
61. **A close link between reward dependent invigoration, theta oscillations and structural integrity of the dopaminergic system during healthy aging** A-0853
Tineke K. Steiger, Nico Bunzeck
Department of Psychology, University Luebeck, Germany; Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Germany
62. **Does statistical learning contribute to decision making under uncertainty?** A-0856
Noémi Éltető, Karolina Janacsek, Andrea Kóbor, Ádám Takács, Dezsó Nemeth
Institute of Psychology, Eötvös Loránd University, Budapest, Hungary; MTA-ELTE NAP B Brain, Memory and Language Lab, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Brain Imaging Centre, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary
63. **Cross-Modal Ranschburg Effects** A-0857
Rachel Skinner, Andrew J. Johnson
Department of Psychology, Bournemouth University, UK
64. **Non-stimulus dependent factors are essential when predicting reaction times in an implicit learning task** A-0860
Balázs Török, Karolina Janacsek, Dávid G. Nagy, Gergő Orbán, Dezsó Nemeth
Department of Cognitive Science, Budapest University of Technology and Economics, Budapest, Hungary; MTA-ELTE NAP B Brain, Memory and Language Research Group, Institute of Cognitive Neuroscience and Psychology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; Institute of Psychology, Eötvös Loránd University, Budapest, Hungary; MTA Wigner Research Centre for Physics, Budapest, Hungary; Institute of Physics, Eötvös Loránd University, Budapest, Hungary
65. **Alexithymia and emotional memory formation: Implications for the development of intrusive memories** A-0862
Alexandra-Heike Gräbener, Roxanne Sopp, Tanja Michael
Clinical Psychology and Psychotherapy Unit, Saarland University, Saarbrücken, Germany
66. **The relation between affective symptoms and memory functioning in school age children** A-0864
Alexandra Sabou, Cristina Trifan, Mircea Miclea, Laura-Visu Petra
Developmental Psychology Lab, Cluj-Napoca, Romania; Department of Psychology, Cluj-Napoca, Romania; Applied Cognitive Psychology Center, Cluj-Napoca, Romania
67. **Meta-analysis of age differences in involuntary thoughts: preliminary results** A-0865
Magda Jordão, Maria Salomé Pinho, Peggy L. St. Jacques, Mickael Mendes
Cognitive and Behavioral Center for Research and Intervention (CINEICC), University of Coimbra, Portugal; School of Psychology, University of Sussex, UK

68. **Examining the self-reference-effect in normal aging in a new episodic memory test based on the Self-Memory System model.** A-0866
 Caroline Bendahan, Michalina Radomska, Martial Van der Linden
Cognitive Psychopathology and Neuropsychology Unit, University of Geneva, Switzerland
69. **The influence of cognitive reappraisal and expressive suppression on memory of an amusing emotional event** A-0870
 Karolina Czarna, Dorota Kobylńska, Peter Lewinski
The University of Manchester; The University of Warsaw; The University of Neuchâtel
70. **The Method of Loci revisited: Memory enhancement by way of virtually augmented memory palaces** A-0873
 Nicco Reggente, Joey Ka-Yee Essoe, Priyanka Mehta, Ai Ohno, Jesse Rissman
Department of Psychology, University of California, Los Angeles
71. **DRM false memories susceptibility in (non-clinical) schizotypy** A-0880
 Hedwige Dehon, Julien Laloyaux, Sanaa Belayachi, Frank Laroï
Psychology and Neuroscience of Cognition Research Unit (PsyNCog), University of Liège, Liège, Belgium; Department of Biological and Medical Psychology, University of Bergen, Bergen, Norway
72. **Memory span training or executive working memory training: what works best for children with learning disabilities?** A-0883
 Antonia Hogrefe, Barbara Studer, Stefan Kodzhabashev, Walter Perrig
University of Berne, Berne, Switzerland
73. **Retrieval-Induced Forgetting can change emotional evaluation of stories** A-0884
 Jeremy Yamashiro, William Hirst
The New School for Social Research, New York, USA
74. **Capturing positive autobiographical memory characteristics' effect on mood in daily life using ecological momentary assessment** A-0885
 Christina Haag, Arnaud Pictet, Rainer Krähenmann, Birgit Kleim
Department of Experimental Psychopathology and Psychotherapy, University of Zurich, Switzerland; Department of Psychiatry, Psychotherapy and Psychosomatics, University of Zurich, Switzerland; Department of Psychology, University of Geneva, Switzerland
75. **The impact of napping on memory for future-relevant stimuli: Prioritization among multiple salience cues** A-0886
 Kelly A. Bennion, Jessica D. Payne, Elizabeth A. Kensinger
Boston College, Chestnut Hill, MA, USA California Polytechnic State University, San Luis Obispo, CA, USA The University of Notre Dame, Notre Dame, IN, USA
76. **Adaptation of an eCorsi version: the elaboration and implementation of a modified Corsi block-tapping task for digital tablets measuring visuo-spatial short-term and working memory** A-0887
 Farcas Susana, János Réka, Batiz Enikő
PhD. student, Babeş-Bolyai University, Evidence based Assessment And Psychological Interventions Doctoral School, Cluj-Napoca, Romania Lect. Dr., Babeş-Bolyai University, Faculty of Psychology and Educational Sciences, Department of Applied Psychology, Cluj-Napoca, Romania

77. **Neural Substrates of Egocentric Perspective in Autobiographical Memory** A-0888
James L. Keidel, Daniel L. Schacter, Peggy L. St. Jacques
University of Sussex Harvard University
78. **Neural Mechanisms of Visual Perspective on the Construction and Elaboration of Autobiographical Memory Retrieval** A-0890
Heather M. Iriye, Petra Marcotti, Peggy L. St. Jacques
University of Sussex
79. **Domain-specific working memory advantage in synaesthetes** A-0891
Katrin Lunke, Stefan Walter, Beat Meier
University of Bern, Bern, Switzerland; Center for Cognition, Learning and Memory, Bern
80. **The effect of prior context on conceptual integration** A-0892
James L. Keidel, Christiane S. H. Oedekoven, Andreea C. Tut, Chris M. Bird
University of Sussex
81. **The latent dimensional structure of episodic memory for real-world and virtual experiences in younger and older adults** A-0893
Nick Diamond, Hervé Abdi, Brian Levine
University of Toronto, Toronto, Canada; Rotman Research Institute, Baycrest Health Sciences, Toronto, Canada; The University of Texas at Dallas, Richardson, USA
82. **Across-episode memory formation is facilitated by their conceptually-related overlapping content** A-0894
Berta Nicolás, Lluís Fuentemilla
Cognition and Brain Plasticity Group. Institute of Biomedicine Research of Bellvitge (IDIBELL). L'Hospitalet de Llobregat (Spain) Department of Basic Psychology. University of Barcelona (Spain) Institute of Cognitive, Brain and Behavior (Spain)
83. **Repeated study of items with and without repeated context: aging effects on recollection and familiarity** A-0896
Caitlin R. Bowman, John M. Huhn III, Nancy A. Dennis
University of Oregon, Eugene, USA; The Pennsylvania State University, University Park, USA
84. **Neural correlates of Focal and Nonfocal prospective memory tasks in 6-year-old children.** A-0898
Ana Belén Cejudo Garcia, Almudena Ortega Segura, Teresa Bajo Molina
Department of Experimental Psychology. University of Granada
85. **The verbal overshadowing effect in children and adults is unrelated to the specific content of descriptions** A-0899
Valentine Vanootighem, Serge Brédart, Hedwige Dehon
Psychology and Neuroscience of Cognition Research Unit (PsyNCog), University of Liège, Liège, Belgium

86. **Motor retrieval benefits long-term retention and transfer more than covert retrieval** A-0901
Veit Kubik, Artin Arshamian, Fredrik U. Jönsson
Department of Psychology, Stockholm University, Stockholm, Sweden Stockholm Brain Institute, Stockholm, Sweden Karolinska Institute, Stockholm, Stockholm, Sweden
87. **Memory accessibility: The effects of retrieval-induced forgetting in analogical reasoning.** A-0903
Tania Valle, Carlos J. Gómez-Ariza, Teresa Bajo
University of Granada, Spain; University of Jaén, Spain
88. **Effects of decentering on autobiographical memory after rumination in depression** A-0904
Yoshifumi Takahashi, Takashi Sugiyama
Graduate School of Human Sciences, Kanagawa University, Japan Department of Human sciences Faculty of Human Sciences, Kanagawa University, Japan
89. **Multiple deadlines in metric space: Multitasking reflects selectively coordinate, but not categorical, spatial processing** A-0906
Veit Kubik, Ivo Todorov, Fabio Del Missier, Timo Mäntylä
Stockholm University, Stockholm, Sweden; Stockholm Brain Institute, Stockholm, Sweden; University of Trieste, Trieste, Italy
90. **Retrieval suppression impairs performance in a conceptual implicit memory test** A-0912
Jonathan M. Fawcett, Andrea Luppi, Michael C. Anderson
MRC Cognition and Brain Sciences Unit, Cambridge, UK; Department of Experimental Psychology, University of Oxford, Oxford, UK
91. **The role of the dorsolateral prefrontal cortex in the suppression of negative autobiographical memories** A-0913
Jonathan M. Fawcett, Roland G. Benoit, Ana Fotachi, Jun Kawaguchi, Michael C. Anderson
MRC Cognition and Brain Sciences Unit, Cambridge, UK; Department of Psychology, Harvard University, Cambridge, USA; Department of Psychology, Westminster, London, UK; Department of Psychology, Nagoya University, Nagoya, Japan
92. **Memory errors for events consistent versus inconsistent with spatiotemporal continuity** A-0914
Wen-Chi Chiang, Li-Chen Tseng
National Chung Cheng University, Chiayi, Taiwan
93. **The Effect of Timing and Stimulus Qualities on Feeling-of-Knowing Judgments** A-0915
Dilay Z. Karadöller, Aysecan Boduroglu, Bennett L. Schwartz
Boğaziçi University, Istanbul, Turkey; Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands; Radboud University, Nijmegen, Netherlands; Florida International University, Miami, USA

94. **Motor determinants of verbal serial short-term memory: Convergent neural and behavioural evidence** A-0918
Robert W. Hughes, John E. Marsh, Cassandra Richardson, Melissa Barker
Royal Holloway, University of London; University of Central Lancashire
95. **Cognitive effort and Retroactive Interference in Memory Consolidation** A-0920
Marcus Vinicius Costa Alves, Orlando Francisco Amodeo Bueno
Universidade Federal de São Paulo, São Paulo, Brazil
96. **Sustained processing shifts towards pattern separation versus completion in an associative memory task** A-0926
Juan Linde-Domingo, Maria Wimber
University of Birmingham, UK
97. **Transcranial direct current stimulation to left rostrolateral prefrontal cortex results in divergent effects on memory and reasoning** A-0932
Andrew J. Westphal, Corey D. Ngoy, Tiffany E. Chow, Laryssa A. Storozuk, Vivian Liao, Megan A. K. Peters, Allan D. Wu, Ladan Shams, Jesse Rissman
University of California, Los Angeles
98. **Impact of cardiovascular training on visual working memory related EEG oscillations** A-0938
Alondra Chaire, Andreas Becke, Emrah Düzel
Institute of Cognitive Neurology and Dementia Research, Otto-von-Guericke University, Magdeburg, Germany. German Center for Neurodegenerative Diseases (DZNE), Magdeburg, Germany
99. **Neural correlate of memory improvement during physical exercise** A-0939
Amir-Homayoun Javadi, Fadi Ifram, Lucile Boccara
School of Psychology, University of Kent, UK Institute of Behavioural Neuroscience, University College London, UK
100. **Characteristics and Functions of Self-Defining Memories in Anorexia Nervosa Patients** A-0942
Bilge Göz, Ali Tekcan
Boğaziçi University, İstanbul, Turkey
101. **Eight-year-olds' attributions of the origins of self-generated knowledge** A-0947
Jessica A. Dugan, Patricia J. Bauer
Emory University, Atlanta, USA
102. **Representation of distinct dimensions of episodic retrieval along the hippocampal long-axis** A-0948
Tiffany E. Chow, Andrew J. Westphal, Corey D. Ngoy, Jesse Rissman
University of California, Los Angeles
103. **Exploring the role of context on the existing evidence for reconsolidation of episodic memory.** A-0951
Ana M. Capelo, Pedro B. Albuquerque, Sara Cadavid
University of Minho, Braga, Portugal

104. **Updating object representations in memory: A comparison between adults and children** A-0958
Wen-Chi Chiang, Yu-fen Lo
National Chung Cheng University, Chiayi, Taiwan
105. **Effects of priming on encoding and retrieval of visual events** A-0959
Anett Rago, David Szabolcsi, Bence Szekeres-Gaal
University of Eotvos Lorand, Budapest
106. **Role of the Posterior Parietal Cortex in Episodic Retrieval** A-0992
Marty Fiati, Peter Bright
Anglia Ruskin
107. **Reconsolidation cuts both ways: reactivation selectively strengthens, but does not disrupt, memory for threatening events.** A-1056
Marijn CW Kroes, Joseph E Dunsmoor, Qi Lin, Elizabeth A Phelps
() Department of Psychology Center for Neural Science, New York University, New York, NY 000; Nathan Kline Institute, Orangeburg, NY 0, United States of America
108. **Working Memory Differences in Collaborative Remembering: Group Ability versus Group Discrepancy** A-1075
Nikolas S. Williams, Celia B. Harris, Amanda J. Barnier
Macquarie University, Sydney, Australia
109. **Frequency-dependent brain regional homogeneity alterations in patients with mild cognitive impairment during working memory state relative to resting state** A-1077
Pengyun Wang, Rui Li, Jing Yu, Zirui Huang, Juan Li
Center on Aging Psychology, Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, 000, China; Faculty of Psychology, Southwest University, Chongqing, China; Institute of Mental Health Research, University of Ottawa, Ottawa, Canada
110. **Development and Evaluation of Efficacy of a Virtual Interactive Memory-Training Program for Older Adults With Mild Cognitive Impairment: A Randomized Controlled Study** A-0066
Kuei-Ru Chou
School of Nursing, College of Nursing, Taipei Medical University, Taipei, Taiwan
111. **Prospective memory following Traumatic Brain Injury** A-0916
Emmanuel Sarku, Judi Ellis, Arpita Bose
University of Reading
112. **Material-specific impairment to face memory in a case study of focal right perirhinal cortex damage** A-0598
E. E. Butler, C. Loane, A. Roca-Fernandez, C. Butler
Memory Research Group, Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, UK

DAILY DETAILED PROGRAM

FRIDAY, 22 JULY 2016

FRIDAY PROGRAM

HOURS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
08:30-09:20	K10 KEYNOTE SESSION X Eleanor A. Maguire				
09:20-09:30	Break				
09:30-11:30	I152 Ageing and neuropsychology of memory II Jennifer Ryan	I052 Collective memory/social II Shamsul Haque	I142 EEemotion and memory III Caitlin Hitchcock	I132 Face memory - Eyewitness II Philip A Higham	I161 Miscellaneous I Rosalind Potts
11:30-12:00	Coffee Break				
12:00-15:00	S0057 Memory in the 'Real World': Factors influencing memory in forensic settings Julie Gawrylowicz, Lorraine Hope	S0051 I remember it now, but not a day later: Accelerated long-term forgetting Suncica Sunny Lah, Laurie Miller	S0036 The representation of serial order in working memory Steve Majerus, Mike Page	I101 Perception – Memory / Music Steffen A. Herff	I162 Miscellaneous II Bodil S.A. Karlsson
15:00-15:10	Conference Closing				

ROOM1

K10 KEYNOTE SESSION X

FRIDAY, 22 JULY 2016 | 08:30-09:20 | ROOM 1

Chair: Lynn Nadel

1. **KEYNOTE LECTURE: Mental time travelling about memory neuroscience - what's new since ICOM5?** A-1011
Eleanor A. Maguire
Wellcome Trust Centre for Neuroimaging, University College London, UK

I152 AGEING AND NEUROPSYCHOLOGY OF MEMORY II

FRIDAY, 22 JULY 2016 | 09:30-11:30 | ROOM 1

Chair: Jennifer Ryan

1. **Specific alterations of thalamic nuclei in alcoholics with and without Korsakoff's syndrome: a Diffusion Tensor Imaging (DTI) investigation** A-0629
Shailendra Segobin, Ludivine Ritz, Coralie Lannuzel, Celine Boudehent, Francois Vabret, Francis Eustache, Helene Beaunieux, Anne-Lise Pitel
Inserm-EPHE-Université de Caen Normandie UMR_S 0, Caen, France. Service d'addictologie, UMR_S 0, Centre Hospitalier Universitaire de Caen, Caen, France
2. **Associative memory errors formation in deaf people** A-0678
Joanna Ulatowska, Justyna Olszewska, Tomasz Rogowski
Institute of Applied Psychology, Maria Grzegorzewska University, Warsaw, Poland University of Social Sciences and Humanities
3. **Breaking down unitization: Is the whole greater than the sum of its parts?** A-0683
Maria C. D'Angelo, Alix Noly-Gandon, Arber Kacollja, Morgan D. Barense, Jennifer D. Ryan
Rotman Research Institute, Baycrest, Toronto, Canada; University of Toronto, Toronto, Canada
4. **Using Discrepancy Analysis to characterize collaborative memory of older adults with and without very mild dementia** A-0694
Thomas Morris, Amanda J. Barnier, David Balota, Janet Duchek, Celia Harris
Macquarie University, New South Wales, Australia Washington University, Missouri, USA
5. **Did that just happen again? Adult memory for repeated events** A-0695
Celine van Golde, Helen Paterson, Annabel Marsh
University of Sydney, Sydney, Australia
6. **Synaesthesia is protective of memory decline in older age** A-0776
Andy D Mealor, Julia Simner, Farrah Sow, Jamie Ward
University of Sussex

ROOM 1

S0057

MEMORY IN THE 'REAL WORLD': FACTORS INFLUENCING MEMORY IN FORENSIC SETTINGS

FRIDAY, 22 JULY 2016 | 12:00-14:00 | ROOM 1

Chair: Julie Gawrylowicz

Discussant: Lorraine Hope

Accounts provided by eyewitnesses are a critical component of investigations and court evidence. However, a number of factors affect the reliability of witness accounts. Some factors, such as stress, alcohol intoxication and co-witness interaction, are outside the control of the Criminal Justice System while other factors are not, such as techniques used to elicit witness information.

Many crimes are inherently stressful for witnesses, but incidents may also affect operational personnel (e.g. police officers). The first talk investigates how stress impacts memory performance in dynamic response settings. The social context of the witnessing experience can also affect memory performance; serious crimes, such as rape, assault and robbery often involve intoxicated witnesses. The second talk explores whether consuming alcohol after witnessing a crime can inoculate against the negative effects of misinformation. The next two talks examine the combined effect of trauma and alcohol on memory and metacognition. Extending the focus on social context, the fifth talk examines how co-witness discussion affects metacognitive mechanisms that drive the quality of witness accounts.

Having highlighted important threats to witness memory, the final two talks address the need for effective, evidence-based retrieval techniques and explore the use of self-generated cues and a novel 'Structured Interviewing Protocol'.

- 1. Memory and the Operational Witness** A-0964
Lorraine Hope, Fiona Gabbert
University of Portsmouth, Goldsmiths, University of London
- 2. Alcohol protects memory against negative effects of misleading post-event information.** A-0965
Julie Gawrylowicz, Anne Ridley, Ian Albery
London South Bank University
- 3. The effects of alcohol and alcohol expectancies on the development of intrusive cognition for trauma** A-0966
Melanie Takarangi, Heather Flowe, Ella Moeck, Joyce Humphries
Flinders University; Loughborough University; Edge Hill University
- 4. The effects of acute alcohol intoxication during encoding on memory for a sexual assault scenario** A-0967
Heather Flowe, Melanie K.T. Takarangi, Nilda Karoğlu, Kasia Zelek
Loughborough University; Flinders University; Kent University; University of Leicester
- 5. Was that how it happened? Exploring the effects of co-witness discussion on metamemory.** A-0968
Joanne Rechdan, Lorraine Hope, Melanie Sauerland, James Ost
University of Portsmouth; Maastricht University

ROOM 1

6. **Facilitating Retrieval Through Use of Self-Generated Cues** A-0969
Rebecca Wheeler, Fiona Gabbert, Lorraine Hope, Siân Jones, Tim Valentine
Goldsmiths, University of London; University of Portsmouth

7. **Enhancing the quality of investigative interviews using a novel Structured Interview Protocol** A-0970
Fiona Gabbert, Lorraine Hope, David La Rooy, Rebecca Milne, Tom Ellis
Goldsmiths University of London; University of Portsmouth; Royal Holloway, University of London

ROOM 2

**I052
COLLECTIVE MEMORY/SOCIAL II**

FRIDAY, 22 JULY 2016 | 09:30-11:30 | ROOM 2

Chair: Shamsul Haque

1. **Life script semantic knowledge about familiar and unfamiliar cultures** A-0531
Shamsul Haque, Aris Safree
Monash University Malaysia, Bandar Sunway, Malaysia; Universiti Malaysia Terengganu, Malaysia
2. **Social cognition and decision-making across the lifespan** A-0536
Daniel M. Bernstein, Daniel G. Derksen, Joshua A. Weller
Kwantlen Polytechnic University Oregon State University
3. **The transmission of embodied memories and skills as effect of social interaction** A-0546
Lucas Bietti, Adrian Bangerter
University of Neuchatel
4. **Exploring Cultural Memory through Photography: A Methodological Experimentation** A-0560
Yajing Liu
Nanyang Technological University, Singapore
5. **Do Life Scripts Inform Perceptions of National Development? A Cross-Cultural Comparison** A-0645
Travis G. Cyr, William Hirst
The New School for Social Research, New York City, USA
6. **A Cross-Cultural Investigation of Self and National Appraisals** A-0693
Martin M. Fagin, William Hirst
The New School for Social Research
7. **The Lived Semantic and Distant Semantic distinction in the Collective Memory of Argentine Crisis of 2001** A-0735
Felipe Muller, Federico Bermejo
National Scientific and Technical Research Council (CONICET), Argentina; Universidad de Belgrano, Buenos Aires, Argentina
8. **Memory, identity, nostalgia (The possibilities and impossibilities of creating a post-totalitarian national identity)** A-0972
Beata Benczeova
Faculty of Arts, Comenius University, Bratislava, Slovakia

ROOM 2

S0051

I REMEMBER IT NOW, BUT NOT A DAY LATER: ACCELERATED LONG-TERM FORGETTING

FRIDAY, 22 JULY 2016 | 12:00-14:00 | ROOM 2

Chair: Suncica Sunny Lah, Laurie Miller

Accelerated long-term forgetting (ALF) is a recently discovered memory disorder characterised by normal or near normal retention over short delays (mins), but greater than expected forgetting over long delays (days/weeks). In this symposium we will examine several key outstanding questions: 1) How do epilepsy related factors impact long-term memory formation? Cassel et al. examine individual differences in the pattern of forgetting in adults with temporal lobe epilepsy. Gascoigne et al. investigate the impact of the site of epilepsy focus (temporal/extra-temporal) in children with epilepsy. 2) Is ALF seizure related? Lah et al. present studies investigating whether seizures are necessary for ALF. Butler et al. discuss the role of sleep in long-term memory consolidation. (3) Is ALF related to deficits in remote autobiographical memory? Savage et al. examine how ALF relates to autobiographical retrograde amnesia. 4) How can we diagnose and treat ALF? Muhlert reports studies that investigate long-term forgetting of real-life events in patients with epilepsy, examines associated patterns of neural activity and aims to ameliorate ALF. Jansari et al. reveal a new paradigm that unveils ALF within an hour. Miller et al. describe how ALF can be diagnosed using modifications of readily available clinical instruments.

- 1. Forgetting in temporal lobe epilepsy: when and why?** A-0589
Anneli Cassel, Robin Morris, Michael Koutroumanidis, Michael Kopelman
King's College London, UK; Guy's and St Thomas's NHS Foundation Trust, UK
- 2. Accelerated long-term forgetting in children with epilepsy: Does temporal lobe focus matter?** A-0591
Michael Gascoigne, Richard Webster, Belinda Barton, Deepak Gill, Mary Lou Smith, Jayne Antony, Suncica Sunny Lah
School of Psychology, The University of Sydney, NSW 00, Australia; Australian College of Applied Psychology, Sydney, NSW 000, Australia; Department of Neurology, The Children's Hospital at Westmead, Sydney, Australia; Children's Hospital Education Research Institute, The Children's Hospital at Westmead, Sydney, Australia; University of Toronto Mississauga and Hospital for Sick Children, Toronto, Canada; ARC Centre of Excellence in Cognition and its Disorders, Australia
- 3. Accelerated long-term forgetting in children: Are seizures really needed?** A-0594
Suncica Sunny Lah, Jasmin Grayson-Collins, Louise Parry, Carly Black, Chloe Gott, Belinda Barton, Richard Webster, Deepak Gill, Adrienne Epps, Michael B. Gascoigne
School of Psychology, University of Sydney, NSW 00, Australia; ARC Centre of Excellence in Cognition and its Disorders, Australia; Brain Injury Rehabilitation Program Sydney Children's Hospital and Department of Psychology, Sydney Children's Hospital Randwick, Sydney, NSW 0, Australia; Children's Hospital Education Research Institute, The Children's Hospital at Westmead, Sydney, NSW, Australia, Department of Neurology, The Children's Hospital at Westmead, NSW, Sydney, Australia; Brain Injury Rehabilitation Program and Department of Psychology, Sydney Children's Hospital Randwick, Sydney, NSW 0, Australia; Australian College of Applied Psychology, Sydney, NSW 000, Australia

ROOM 2

4. **Sleep and memory consolidation in accelerated long-term forgetting due to transient epileptic amnesia** A-0696
Christopher Butler, Kathryn Atherton, Kia Nobre, Adam Zeman
Nuffield Department of Clinical Neurosciences, University of Oxford, UK; Nuffield Department of Clinical Neurosciences, University of Oxford, UK; Department of Experimental Psychology, University of Oxford, UK, Department of Neurology, University of Exeter, UK

5. **Remote memory impairment and accelerated long-term forgetting without transient memory disturbance: A variant of epileptic amnesic syndrome** A-0701
Greg Savage, Adam Zeman, Samrah Ahmed, Amy Gorsuch, Vana Webster, Jessica Hofmann, Christopher Butler
ARC Centre of Excellence in Cognition and its Disorders, Australia; Department of Psychology, Macquarie University, Sydney, Australia; University of Exeter Medical School, UK; Nuffield Department of Clinical Neurosciences, University of Oxford, UK

6. **Accelerated long-term forgetting of real-life events** A-0702
Nils Muhlert
School of Psychological Sciences, University of Manchester, Manchester, UK

7. **Attempting to capture accelerated long-term forgetting (ALF) within one clinical visit: Towards a new assessment of ALF** A-0703
Ashok Jansari, Terry McGibbon, Micia Sanghera, Chenelle Owen
Department of Psychology, Goldsmiths College, University of London, UK; University of East London, London, UK

8. **Adding measures of ALF to a neuropsychological assessment: Not hard to do and worth the effort** A-0704
Laurie A. Miller, Emma Flanagan, Annu Mothakunnel, Zoe Thayer
ARC Centre of Excellence in Cognition and its Disorders, Australia; Central Medical School, University of Sydney, Sydney, NSW 00, Australia; Norwich Medical School, University of East Anglia, Norwich, UK; Neuroscience Research Australia, Sydney, NSW 0

ROOM 3

I142 EMOTION AND MEMORY III

FRIDAY, 22 JULY 2016 | 09:30-11:30 | ROOM 3

Chair: Caitlin Hitchcock

1. **Why specific memories are important: The role of boundary conditions on the generalizability of negative self-beliefs** A-0631
Caitlin Hitchcock, Catrin Rees, Tim Dalgleish
MRC Cognition and Brain Sciences Unit; University of Cambridge
2. **Integration of new information into emotional memories in humans** A-0641
Alison Montagrin, Athina Zafeiriou, David Sander, Ulrike Rimmele
Department of Fundamental Neurosciences, University of Geneva, Switzerland; Department of Psychology, University of Geneva, Switzerland; Swiss Center for Affective Sciences, University of Geneva, Switzerland
3. **Seeing you angry makes me suspicious: The role of emotion in memory conformity.** A-0673
Katarzyna Zawadzka, Magdalena Rychlowska, Laura Gambling, Maciej Hanczakowski
Nottingham Trent University, UK; Cardiff University, UK
4. **Trigger warnings worsen expectations but minimally affect PTSD-like symptoms** A-0675
Mevagh Sanson, Maryanne Garry, Deryn Strange
Victoria University of Wellington, Wellington, New Zealand; John Jay College of Criminal Justice, New York, USA
5. **A closer examination of episodic specificity in depression** A-0679
Sylvia Hach, Lynette J. Tippett, Donna Rose Addis
Unitec Institute of Technology, Auckland, New Zealand; The University of Auckland, Auckland, New Zealand; Brain Research New Zealand, New Zealand

S0036 THE REPRESENTATION OF SERIAL ORDER IN WORKING MEMORY

FRIDAY, 22 JULY 2016 | 12:00-14:00 | ROOM 3

Chair: Steve Majerus
Discussant: Mike Page

One of the functions of working memory is to temporarily represent the sequential order in which events have occurred. Despite an extensive set of research, the nature of the cognitive processes underlying the temporary coding of serial order remains an open and highly debated question. The aim of this symposium is to present the most recent research on serial order coding in working memory using behavioral, neuroimaging and modelling approaches, to confront opposing views on the nature of serial order coding, and to delineate potential areas of agreement.

1. **A common representation of serial order in working memory and language production** A-0285
Simon Fischer-Baum
Rice University, USA

ROOM 3

2. **Representational similarity of models of serial order** A-0286
Kristjan Kalm, Dennis Norris
MRC Cognition & Brain Sciences Unit, Cambridge, UK
3. **Effects of rhythm on memory for spoken sequences: A model and tests of its stimulus-driven mechanism** A-0287
Mark Hurlstone, Tom Hartley, Graham Hitch
University of Western Australia, Australia, University of York, UK
4. **Explaining Serial Order Effects in Working Memory with the Feature Model** A-0288
Ian Neath, Andrew Gabel, Aimée Surprenant
Memorial University of Newfoundland, Canada
5. **The link between numerical codes and serial position codes in working memory** A-0289
Steve Majerus, Klaus Oberauer
Université de Liège, Belgium Universität Zürich, Switzerland
6. **Using spatialization to SPoARC up the conversation about order coding** A-0290
Alessandro Guida
Université de Rennes, France
7. **The Mental Whiteboard Hypothesis on Serial Order in Working Memory** A-0291
Elger Abrahamse, Jean-Philippe van Dijck, Steve Majerus, Wim Fias
Universiteit Gent, Belgium; Université de Liège, Belgium

ROOM 4

I132 FACE MEMORY - EYEWITNESS II

FRIDAY, 22 JULY 2016 | 09:30-11:30 | ROOM 4

Chair: Philip A Higham

1. **Who are you again? Where did we meet? The effect of set size on face recognition.** A-0690
Alicia Nortje, Colin Tredoux, Annelies Vredeveldt
University of Cape Town, Cape Town, South Africa; Vrije Universiteit Amsterdam
2. **From Prosopagnosia to Super-Recognition: Mapping the spectrum in face-memory with new societally-appropriate tests.** A-0738
Ashok Jansari, Emily Green, Hamza Tai, Ian Hannent
Goldsmiths, University of London, UK; University of East London, London, UK
3. **Automatically Guilty: Associations Between Evidence and Guilt** A-0739
William Crozier, Deryn Strange
John Jay College, CUNY, New York, USA The Graduate Center, CUNY, New York, USA
4. **Yes, I Can Recognize: Is My gender and Age Important for Eyewitness Testimony?** A-0844
Asheek Mohammad Shimul, Rimy Ahmed
University of Dhaka, Bangladesh
5. **Regulating eyewitness memory accuracy with multiple-option answers in interviews and questionnaires** A-0895
Philip A Higham
University of Southampton, Southampton, UK
6. **Memory Errors in Police Interviews: The Bait Question as a Source of Misinformation** A-0907
Timothy J. Luke, William Crozier, Deryn Strange
John Jay College, CUNY, New York, NY USA The Graduate Center, CUNY, New York, NY USA

I101 PERCEPTION – MEMORY / MUSIC

FRIDAY, 22 JULY 2016 | 12:00-14:00 | ROOM 4

Chair: Steffen A. Herff

1. **Everlasting tunes: The number of intervening items does not disrupt memory for melody** A-0108
Steffen A. Herff, Kirk N. Olsen, Roger T. Dean
MARCS Institute for Brain, Behaviour and Development, Western Sydney University, Australia
2. **How expertise influences the effect of divided attention on memory for melody** A-0109
Steffen A. Herff, Daniela Czernochowski
MARCS Institute for Brain, Behaviour and Development, Western Sydney University, Australian Institut für Experimentelle Psychologie, Heinrich Heine Universität Düsseldorf, Germany Cognitive Science, Technische Universität Kaiserslautern, Germany

ROOM 4

3. **Affordances from words and objects in memory and vision** A-0316
Ashley James Chapman, Andriy Myachykov
Northumbria University, Newcastle-upon-Tyne, UK; National Research University Higher School of Economics, Moscow, Russia
4. **Testing the Perceptual Fluency Hypothesis through Inverted Pictures** A-0325
Meltem Karaca, Nilsu Atılgan, Miri Besken
Bilkent University, Ankara, Turkey; University of Minnesota-Twin Cities, Minnesota, USA
5. **Auditory Distraction in a Memory Task: The Benefits of Between-sequence Semantic Similarity** A-0508
Maciej Hanczakowski, C. Philip Beaman, Dylan M. Jones
Cardiff University, UK; University of Reading, UK
6. **The temporal signature of dynamic memories** A-0517
Sebastian Michelmann, Howard Bowman, Simon Hanlsmayr
School of Psychology, University of Birmingham, Birmingham, UK; Centre for Cognitive Neuroscience and Cognitive Systems and the School of Computing, University of Kent at Canterbury, Kent, UK
7. **Unconscious plagiarism in music composition: Investigating the effects of elaboration on source confusion in music** A-0740
Miriam Rainsford, Matthew A. Palmer, Timothy J. Hollins, Nicholas J. Beeton, Garth Paine
University of Tasmania, University of Plymouth, Arizona State University

ROOM 5

I161 MISCELLANEOUS I

FRIDAY, 22 JULY 2016 | 09:30-11:30 | ROOM 5

Chair: Rosalind Potts

- 1. Memory and Self in Kazuo Ishiguro's *The Remains of The Day*** A-0004
Assil GHARIRI, Khaldia BELKHEIR
Tahri Mohamed University, Bechar, Algeria
- 2. The optimist view of the colors of 'the dress'** A-0005
Bodil S. A. Karlsson, Magnus K. G. Bergquist, Carl Martin Allwood
- 3. Sociopsychological effects in language forgetting/attrition; the case of Russian in Hungary** A-0008
Szilvia Bátyi, Kees de Bot
University of Pannonia, Veszprém, Hungary, Transcarpathian Hungarian College named after Rákóczi Ferenc II, Beregovo, Ukrainern University of Groningen, the Netherlands, University of Pannonia, Veszprém, Hungary
- 4. Mimicry manipulations affect performance on cognitive tasks** A-0035
Katinka Dijkstra, Marjet Kalkman-Blankenberg
Erasmus University Rotterdam, the Netherlands
- 5. Explicit and implicit memory in evaluative conditioning: an investigation of metacognitive judgements about memory.** A-0322
Laurent Waroquier, Marlène Abadie, Zoltan Dienes
Université Clermont Auvergne, Université Blaise Pascal, Clermont-Ferrand, France Université de Fribourg, Suisse University of Sussex, Falmer, United Kingdom
- 6. Optimizing real world learning: the Memrise Prize** A-0685
Rosalind Potts, David R Shanks, Ed Cooke, Ben Whately
University College London, UK; Memrise, London, UK
- 7. Autobiographical Recollections of Repeated Events: A Longitudinal Assessment** A-0559
Berivan Ece, Sami Gulgoz
MEF University Koç University

I162 MISCELLANEOUS II

FRIDAY, 22 JULY 2016 | 12:00-14:00 | ROOM 5

Chair: Bodil S.A. Karlsson

- 1. Denial deflation effect appears when people intentionally lie about true memories** A-0062
Veronika Nourkova, Anna Ivanova
Lomonosov Moscow State University, Russian Federation

ROOM 5

2. **Olfactory Memory Assessment: Reliability, Validity and Shortcomings of a New Measure** A-0155
Hamid R Sohrabi, Michael Weinborn, Kaikai Shen, Ralph N Martins
Edith Cowan University, Joondalup, Western Australia, Australia; University of Western Australia, Crawley, Western Australia, Australia; McCusker Alzheimer's Research Foundation, Nedlands, Western Australia, Australia
3. **Experts recall domain-specific random material better than novices: A meta-analysis** A-0557
Giovanni Sala, Fernand Gobet
University of Liverpool, Liverpool, United Kingdom
4. **Learning is better with the hands free: The effect of affordance on memory** A-0657
Léo Dutriaux, Valérie Gyselinck
Laboratoire Mémoire et Cognition, Institut de Psychologie, Université Paris Descartes, France Centre de Psychiatrie et Neurosciences (CPN), Inserm UMR S, France IFSTTAR - LPC, Versailles, France
5. **Sports-specific Experiences Influence Manual Skill Learning in A Force Field** A-0955
Erik Chang, Liang-Wei Kuo
Institute of Cognitive Neuroscience, National Central University, Taoyuan City, Taiwan
6. **including Conjunction Faces in a Recognition Test Alters How Old Faces Are Recognized** A-0001
Mark Tippens Reinitz, Geoffrey R. Loftus
University of Puget Sound, Tacoma, USA; University of Washington, Seattle, USA
7. **I can't believe what I saw: Non-believed memories of colors when judging 'the dress'** A-0003
Bodil S.A. Karlsson
Department of Psychology, University of Gothenburg, BOX 00, 0 0 Göteborg, Sweden

SESSION INDEX

TITLE	DATE	TIME	ROOM	SHORT-NAME
Retrieval processes I	Monday, 18 July 2016	9:30	Room 4	I011
Retrieval processes II	Wednesday, 20 July 2016	9:30	Room 2	I012
Retrieval processes III	Thursday, 21 July 2016	9:30	Room 4	I013
Forgetting I	Wednesday, 20 July 2016	9:30	Room 4	I021
Forgetting III	Thursday, 21 July 2016	15:30	Room 7	I022
Forgetting II	Thursday, 21 July 2016	13:00	Room 4	I023
Sleep and memory	Tuesday, 19 July 2016	9:30	Room 5	I031
Autobiographical memory I	Monday, 18 July 2016	13:00	Room 2	I041
Autobiographical memory II	Tuesday, 19 July 2016	13:00	Room 1	I042
Collective memory/social I	Monday, 18 July 2016	13:00	Room 8	I051
Collective memory/social II	Friday, 22 July 2016	9:30	Room 2	I052
Development of memory II	Thursday, 21 July 2016	9:30	Room 7	I061
Development of memory I	Tuesday, 19 July 2016	9:30	Room 3	I062
Recognition / DRM / false memory I	Monday, 18 July 2016	9:30	Room 2	I071
Recognition II	Monday, 18 July 2016	15:30	Room 6	I072
Working memory I	Monday, 18 July 2016	13:00	Room 5	I081
Working memory II	Wednesday, 20 July 2016	12:00	Room 8	I082
Working memory and recognition III	Thursday, 21 July 2016	9:30	Room 8	I083
Prospective memory	Monday, 18 July 2016	9:30	Room 3	I091
Perception – Memory / Music	Friday, 22 July 2016	12:00	Room 4	I101
Memory encoding and learning	Thursday, 21 July 2016	13:00	Room 8	I111
Neuroscience of memory III	Thursday, 21 July 2016	13:00	Room 1	I121
Neuroscience of memory II	Tuesday, 19 July 2016	15:30	Room 8	I122
Neuroscience of memory IV	Thursday, 21 July 2016	15:30	Room 8	I123
Neuroscience of memory I	Tuesday, 19 July 2016	13:00	Room 8	I124
Face memory - Eyewitness I	Monday, 18 July 2016	15:30	Room 5	I131
Face memory - Eyewitness II	Friday, 22 July 2016	9:30	Room 4	I132
Emotion and memory II	Monday, 18 July 2016	15:30	Room 7	I141
Emotion and memory III	Friday, 22 July 2016	9:30	Room 3	I142
Emotion and memory I	Wednesday, 20 July 2016	9:30	Room 7	I143
Ageing and neuropsychology of memory I	Thursday, 21 July 2016	13:00	Room 3	I151
Ageing and neuropsychology of memory II	Friday, 22 July 2016	9:30	Room 1	I152
Others, miscellaneous I	Friday, 22 July 2016	9:30	Room 5	I161
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Future thinking	Tuesday, 19 July 2016	9:30	Room 6	I171
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TITLE	DATE	TIME	ROOM	SHORT-NAME
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Poster session II	Tuesday, 19 July 2016	11:30	Aula	P2
Poster session III	Thursday, 21 July 2016	11:30	Aula	P3
Adaptation and prediction in sensory memory	Monday, 18 July 2016	9:30	Room 7	S0001
The multifaceted role of the ventromedial prefrontal cortex (vmPFC) in memory and decision making	Monday, 18 July 2016	13:00	Room 1	S0002
Memory Decline and Preservation	Tuesday, 19 July 2016	9:30	Room 4	S0003
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Clouter, Andrew	1. author	A-0934	19 July 2016	13:00	Room 8	I124
Cocchini, Gianna	1. author	A-1042	18 July 2016	15:30	Room 4	S0061
Cohen, Anna-Lisa	1. author	A-0553	20 July 2016	9:30	Room 3	S0045
Cohn, Melanie	1. author	A-0731	21 July 2016	15:30	Room 8	I123
Cole, Scott	1. author	A-0327	20 July 2016	9:30	Room 5	S0032
Cole, Scott	Chair	-	20 July 2016	9:30	Room 5	S0032
Collette, Fabienne	1. author	A-0429	21 July 2016	9:30	Room 6	S0043
Collette, Fabienne	Chair	-	21 July 2016	9:30	Room 6	S0043
Collin, Silvy H.P.	1. author	A-0475	19 July 2016	11:30	Aula	P2
Colloff, Melissa F	1. author	A-0592	18 July 2016	11:30	Aula	P1
Colloff, Melissa F.	1. author	A-0095	18 July 2016	13:00	Room 6	S0007
Coman, Alin	1. author	A-0228	20 July 2016	12:00	Room 1	S0152
Coman, Alin	1. author	A-0367	18 July 2016	13:00	Room 4	S0039
Coman, Alin	1. author	A-0542	21 July 2016	9:30	Room 1	S0030
Coman, Alin	Chair	-	21 July 2016	9:30	Room 1	S0030
Cona, Giorgia	1. author	A-0971	20 July 2016	12:00	Room 5	S0058
Congleton, Adam R.	1. author	A-0212	18 July 2016	15:30	Room 7	I141
Congleton, Adam R.	Chair	-	18 July 2016	15:30	Room 7	I141
Constantinescu, Alexandra O.	1. author	A-0076	21 July 2016	15:30	Room 3	S0009
Conway, Martin A.	1. author	A-0025	19 July 2016	15:30	Room 6	S0004
Conway, Martin A.	1. author	A-0168	19 July 2016	9:30	Room 7	S0017

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Conway, Martin A.	Chair	-	17 July 2016	17:15	Room 1	K1
Conway, Martin A.	Chair	-	19 July 2016	8:30	Room 1	K4
Conway, Martin A.	Chair	-	19 July 2016	15:30	Room 6	S0004
Conway, Martin A.	Discussant	A-0000	19 July 2016	15:30	Room 6	S0004
Conway, Martin A.	Discussant	A-0000	20 July 2016	9:30	Room 5	S0032
Conway, Martin A.	Discussant	A-0000	21 July 2016	9:30	Room 2	S0055
Conway, Martin A.	Discussant	A-0000	18 July 2016	9:30	Room 5	S0062
Cooper, Elisa	1. author	A-0392	19 July 2016	11:30	Aula	P2
Cooper, Rose	1. author	A-0483	19 July 2016	11:30	Aula	P2
Coria, Katie	1. author	A-0515	21 July 2016	13:00	Room 8	I111
Cortis, Cathleen	1. author	A-0981	21 July 2016	9:30	Room 5	S0056
Costa, Alberto	1. author	A-0243	19 July 2016	13:00	Room 3	S0027
Cottini, Milvia	1. author	A-0512	19 July 2016	11:30	Aula	P2
Coutanche, Marc N.	1. author	A-0078	18 July 2016	9:30	Room 8	S0005
Coutanche, Marc N.	Chair	-	18 July 2016	9:30	Room 8	S0005
Cox, Rochelle	1. author	A-1063	21 July 2016	9:30	Room 3	S0048
Craig, Michael	1. author	A-0523	19 July 2016	9:30	Room 3	I062
Creery, Jessica	1. author	A-0130	20 July 2016	12:00	Room 2	S0014
Crozier, William	1. author	A-0739	22 July 2016	9:30	Room 4	I132
Cullen, Hayley	1. author	A-0608	18 July 2016	11:30	Aula	P1
Curot, Jonathan	1. author	A-0478	21 July 2016	9:30	Room 3	S0048
Cyr, Travis G.	1. author	A-0645	22 July 2016	9:30	Room 2	I052
Czarna, Karolina	1. author	A-0870	21 July 2016	11:30	Aula	P3
Czigler, István	1. author	A-0431	18 July 2016	9:30	Room 7	S0001
Czigler, István	Chair	-	18 July 2016	9:30	Room 7	S0001
Csabi, Eszter	1. author	A-0373	19 July 2016	11:30	Aula	P2
D'Angelo, Maria C.	1. author	A-0683	22 July 2016	9:30	Room 1	I152
D'Argembeau, Arnaud	1. author	A-0805	18 July 2016	15:30	Room 3	S0052
Dalgleish, Tim	1. author	A-0812	18 July 2016	15:30	Room 3	S0052
Dalton, Marshall	1. author	A-0545	21 July 2016	13:00	Room 3	I151
Dalton, Marshall A.	1. author	A-0069	18 July 2016	11:30	Aula	P1
Dandolo, Lisa	1. author	A-0208	18 July 2016	11:30	Aula	P1
Danet, Lola	1. author	A-0929	19 July 2016	15:30	Room 4	S0060
Danet, Lola	Chair	-	19 July 2016	15:30	Room 4	S0060
Darby, Kevin P.	1. author	A-0139	21 July 2016	13:00	Room 7	S0012
Davachi, Lila	1. author	A-1076	20 July 2016	8:30	Room 1	K6
Davis, Jolee	1. author	A-0471	19 July 2016	11:30	Aula	P2
de Flores, Robin	1. author	A-0441	20 July 2016	9:30	Room 6	S0026
de Gortari, Angelica Ortiz	1. author	A-1064	18 July 2016	13:00	Room 7	S0041
de la Mata Benítez, Manuel L.	1. author	A-0829	20 July 2016	12:00	Room 7	S0054
de Vito, Stefania	1. author	A-0187	20 July 2016	12:00	Room 4	S0024
De Weerd, Peter	Discussant	A-0000	21 July 2016	15:30	Room 5	S0034

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Dehon, Hedwige	1. author	A-0880	21 July 2016	11:30	Aula	P3
Del Missier, Fabio	1. author	A-0071	21 July 2016	13:00	Room 3	I151
del Palacio-Gonzalez, Adriana	1. author	A-0423	19 July 2016	11:30	Aula	P2
del Val, Laura Prieto	1. author	A-0548	19 July 2016	15:30	Room 8	I122
del Val, Laura Prieto	1. author	A-0549	19 July 2016	11:30	Aula	P2
Delhaye, Emma	1. author	A-0453	21 July 2016	15:30	Room 2	S0046
Demeter, Gyula	1. author	A-0983	20 July 2016	12:00	Room 5	S0058
Demiray, Burcu	1. author	A-0190	21 July 2016	13:00	Room 5	S0019
Deng, Sophia	1. author	A-0207	19 July 2016	13:00	Room 2	S0023
Denham, Susan L.	1. author	A-0741	18 July 2016	9:30	Room 7	S0001
Dennis, Nancy	1. author	A-0814	19 July 2016	9:30	Room 8	S0049
Dennis, Nancy	Chair	-	19 July 2016	9:30	Room 8	S0049
Despina, Antypa	1. author	A-0783	21 July 2016	11:30	Aula	P3
Despouy, Elodie	1. author	A-0547	19 July 2016	11:30	Aula	P2
Deuker, Lorena	1. author	A-0843	21 July 2016	11:30	Aula	P3
Dewhurst, Stephen	1. author	A-0058	19 July 2016	9:30	Room 6	I171
Dewhurst, Stephen	Chair	-	19 July 2016	9:30	Room 6	I171
Dhammapeera, Phot	1. author	A-0118	18 July 2016	11:30	Aula	P1
Diamond, Nick	1. author	A-0893	21 July 2016	11:30	Aula	P3
Diekelmann, Susanne	1. author	A-0466	19 July 2016	15:30	Room 1	S0038
Diekelmann, Susanne	1. author	A-0963	20 July 2016	12:00	Room 5	S0058
Díez, Antonio M.	1. author	A-0211	18 July 2016	11:30	Aula	P1
Díez, Antonio M.	1. author	A-0398	19 July 2016	11:30	Aula	P2
Dijkstra, Katinka	1. author	A-0035	22 July 2016	9:30	Room 5	I161
Dijkstra, Katinka	1. author	A-0189	21 July 2016	13:00	Room 5	S0019
Dijkstra, Katinka	Discussant	A-0000	21 July 2016	13:00	Room 5	S0019
Dixon, Roger A.	1. author	A-0355	19 July 2016	13:00	Room 5	S0037
Dobrotka, Katinka	1. author	A-0681	19 July 2016	11:30	Aula	P2
Dodson, Chad	Chair	-	18 July 2016	13:00	Room 6	S0007
Dodson, Chad S.	1. author	A-0097	18 July 2016	13:00	Room 6	S0007
Doeller, Christian	1. author	A-0136	20 July 2016	12:00	Room 2	S0014
Doeller, Christian	1. author	A-1050	21 July 2016	13:00	Room 2	S0021
Doeller, Christian	Chair	-	21 July 2016	15:30	Room 3	S0009
Doeller, Christian	Discussant	A-0000	18 July 2016	15:30	Room 8	S0006
Dolcos, Florin	1. author	A-0863	19 July 2016	13:00	Room 8	I124
Dolcos, Florin	Chair	-	19 July 2016	13:00	Room 8	I124
Domnick, Florian	1. author	A-0819	18 July 2016	11:30	Aula	P1
Donaldson, David	1. author	A-0314	19 July 2016	15:30	Room 3	S0031
Dresler, Martin	Chair	-	18 July 2016	13:00	Room 3	S0022
Dritschel, Barbara	1. author	A-0809	18 July 2016	15:30	Room 3	S0052
Duarte, Audrey	1. author	A-0637	19 July 2016	15:30	Room 7	S0025
Dudai, Yadin	Discussant	A-0000	20 July 2016	12:00	Room 2	S0014
Dugan, Jessica A.	1. author	A-0947	21 July 2016	11:30	Aula	P3

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Dunning, Darren	1. author	A-0811	18 July 2016	15:30	Room 2	S0053
Dupret, David	1. author	A-0082	20 July 2016	9:30	Room 8	S0008
Dutriaux, Léo	1. author	A-0657	22 July 2016	12:00	Room 5	I162
E. A. Waters, Theodore	1. author	A-0801	18 July 2016	15:30	Room 3	S0052
E. Butler, E.	1. author	A-0598	21 July 2016	11:30	Aula	P3
E. Chow, Tiffany	1. author	A-0948	21 July 2016	11:30	Aula	P3
E. Dunsmoor, Joseph	1. author	A-0566	19 July 2016	11:30	Aula	P2
E. Flegal, Kristin	1. author	A-0198	21 July 2016	13:00	Room 8	I111
E. Flegal, Kristin	Chair	-	21 July 2016	13:00	Room 8	I111
E. Hardwicke, Tom	1. author	A-0421	19 July 2016	11:30	Aula	P2
E. Herron, Jane	1. author	A-0307	21 July 2016	13:00	Room 1	I121
E. Lauer, Jillian	1. author	A-0717	20 July 2016	9:30	Room 7	I143
E. Wells, Christine	1. author	A-0480	21 July 2016	9:30	Room 3	S0048
E. Wells, Christine	Chair	-	21 July 2016	9:30	Room 3	S0048
Eakin, Deborah K.	1. author	A-0522	19 July 2016	11:30	Aula	P2
Ebersbach, Mirjam	1. author	A-0089	18 July 2016	11:30	Aula	P1
Ece, Berivan	1. author	A-0559	22 July 2016	9:30	Room 5	I161
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Echterhoff, Gerald	1. author	A-0222	20 July 2016	12:00	Room 1	S0152
Ecker, Ullrich	1. author	A-0406	18 July 2016	13:00	Room 5	I081
Ecker, Ullrich	1. author	A-0408	18 July 2016	15:30	Room 6	I072
Edgin, Jamie	1. author	A-0297	19 July 2016	13:00	Room 2	S0023
Edginton, Trudi	1. author	A-0940	21 July 2016	13:00	Room 4	I023
Edginton, Trudi	1. author	A-1002	18 July 2016	9:30	Room 5	S0062
Edginton, Trudi	Chair	-	18 July 2016	9:30	Room 5	S0062
Ellis, Judi A.	Discussant	A-0000	20 July 2016	9:30	Room 3	S0045
Éltető, Noémi	1. author	A-0856	21 July 2016	11:30	Aula	P3
Endress, Ansgar	1. author	A-0017	18 July 2016	13:00	Room 5	I081
Engelhard, Iris	1. author	A-0383	21 July 2016	15:30	Room 1	S0044
Enz, Karalyn F.	1. author	A-0721	18 July 2016	11:30	Aula	P1
Ernst, Alexandra	1. author	A-0404	19 July 2016	11:30	Aula	P2
Ernst, Alexandra	1. author	A-0405	19 July 2016	11:30	Aula	P2
Eschmann, Kathrin C. J.	1. author	A-0647	18 July 2016	11:30	Aula	P1
Evans, Simon	1. author	A-0535	19 July 2016	11:30	Aula	P2
Exton-McGuinness, Marc	1. author	A-1048	19 July 2016	13:00	Room 4	S0018
Fagin, Martin M.	1. author	A-0693	22 July 2016	9:30	Room 2	I052
Fagin, Martin M.	1. author	A-0698	21 July 2016	13:00	Room 4	I023
Fandakova, Yana	1. author	A-0032	18 July 2016	13:00	Room 1	S0002
Fandakova, Yana	1. author	A-0669	19 July 2016	15:30	Room 7	S0025
Fandakova, Yana	Chair	-	19 July 2016	15:30	Room 7	S0025
Fanuel, Lison	1. author	A-0124	18 July 2016	13:00	Room 5	I081
Faran, Yifat	1. author	A-0300	18 July 2016	11:30	Aula	P1
Farrugia, Nicolas	1. author	A-0345	18 July 2016	13:00	Room 7	S0041

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Fawcett, Jonathan M.	1. author	A-0913	21 July 2016	11:30	Aula	P3
Feld, Gordon B.	1. author	A-0086	20 July 2016	9:30	Room 8	S0008
Feld, Gordon B.	Chair	-	20 July 2016	9:30	Room 8	S0008
Fellner, Marie-Christin	1. author	A-0532	19 July 2016	15:30	Room 8	I122
Fellows, Lesley K	1. author	A-0034	18 July 2016	13:00	Room 1	S0002
Ferman, Sara	1. author	A-1051	21 July 2016	15:30	Room 5	S0034
Ferman, Sara	Chair	-	21 July 2016	15:30	Room 5	S0034
Fernández, Guillén	1. author	A-0021	18 July 2016	13:00	Room 1	S0002
Fernandez, Jorge	1. author	A-0167	19 July 2016	9:30	Room 7	S0017
Ferreira, Catarina S.	1. author	A-0761	21 July 2016	11:30	Aula	P3
Ferreira, Catarina S.	1. author	A-0762	21 July 2016	11:30	Aula	P3
Feurra, Matteo	1. author	A-0758	21 July 2016	9:30	Room 8	I083
Fiati, Marty	1. author	A-0992	21 July 2016	11:30	Aula	P3
Fischer-Baum, Simon	1. author	A-0285	22 July 2016	12:00	Room 3	S0036
Fischer-Baum, Simon	1. author	A-0347	19 July 2016	11:30	Aula	P2
Fitamen, Christophe	1. author	A-0624	18 July 2016	11:30	Aula	P1
Fitzgerald, Joseph M.	1. author	A-0191	21 July 2016	13:00	Room 5	S0019
Fitzgerald, Joseph M.	Chair	-	21 July 2016	13:00	Room 5	S0019
Fitzgerald, Ryan J	1. author	A-0601	19 July 2016	9:30	Room 3	I062
Fitzgerald, Ryan J	Chair	-	19 July 2016	9:30	Room 3	I062
Fivush, Robyn	1. author	A-0220	20 July 2016	9:30	Room 1	S0151
Fivush, Robyn	1. author	A-0358	19 July 2016	13:00	Room 7	S0033
Fivush, Robyn	1. author	A-1025	19 July 2016	9:30	Room 2	S0047
Floridou, Georgia	1. author	A-0340	18 July 2016	13:00	Room 7	S0041
Flowe, Heather	1. author	A-0967	22 July 2016	12:00	Room 1	S0057
Folsom, Jenny	1. author	A-0152	18 July 2016	13:00	Room 8	I051
Ford, Ruth	1. author	A-0282	18 July 2016	11:30	Aula	P1
Ford, Ruth	1. author	A-0334	21 July 2016	13:00	Room 6	S0040
Foster, Jeffrey L.	1. author	A-0744	18 July 2016	11:30	Aula	P1
Fresa, Rebecca Ovalle	1. author	A-0507	19 July 2016	15:30	Room 8	I122
Friedli, Michèle	1. author	A-0749	21 July 2016	11:30	Aula	P3
Fukuda, Keisuke	1. author	A-0709	21 July 2016	9:30	Room 8	I083
Fukuda, Keisuke	Chair	-	21 July 2016	9:30	Room 8	I083
Fukushima, Yui	1. author	A-0588	19 July 2016	11:30	Aula	P2
Gabbert, Fiona	1. author	A-0366	18 July 2016	13:00	Room 4	S0039
Gabbert, Fiona	1. author	A-0970	22 July 2016	12:00	Room 1	S0057
Gabbert, Fiona	Chair	-	18 July 2016	17:40	Room 1	K3
Gabbert, Fiona	Chair	-	19 July 2016	17:40	Room 1	K5
Gagnepain, Pierre	1. author	A-0102	18 July 2016	15:30	Room 1	S0011
Gagnepain, Pierre	1. author	A-0306	18 July 2016	11:30	Aula	P1
Gais, Steffen	Chair	-	21 July 2016	13:00	Room 2	S0021
Galarza-Vallejo, Ana	1. author	A-1053	19 July 2016	13:00	Room 4	S0018
Garcia, Ana Belén Cejudo	1. author	A-0898	21 July 2016	11:30	Aula	P3

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García-Pacios, Javier	1. author	A-0772	21 July 2016	11:30	Aula	P3
Gardner, Robert S.	1. author	A-0332	21 July 2016	13:00	Room 6	S0040
Garrison, Jane R.	1. author	A-0324	19 July 2016	11:30	Aula	P2
Garvert, Mona M	1. author	A-0041	18 July 2016	15:30	Room 8	S0006
Gascoigne, Michael	1. author	A-0591	22 July 2016	12:00	Room 2	S0051
Gaskell, M. Gareth	1. author	A-0052	18 July 2016	9:30	Room 8	S0005
Gawrylowicz, Julie	1. author	A-0965	22 July 2016	12:00	Room 1	S0057
Gawrylowicz, Julie	Chair	-	22 July 2016	12:00	Room 1	S0057
Genon, Sarah	1. author	A-0183	20 July 2016	12:00	Room 4	S0024
Genon, Sarah	1. author	A-1038	18 July 2016	15:30	Room 4	S0061
Genzel, Lisa	1. author	A-0084	20 July 2016	9:30	Room 8	S0008
Gershkovich, Valeria A.	1. author	A-0677	19 July 2016	11:30	Aula	P2
Gershkovich, Valeria A.	1. author	A-0680	20 July 2016	12:00	Room 8	I082
GHARIRI, Assil	1. author	A-0004	22 July 2016	9:30	Room 5	I161
Ghetti, Simona	1. author	A-1073	19 July 2016	17:40	Room 1	K5
Giannou, Kyriaki	1. author	A-0530	19 July 2016	11:30	Aula	P2
Gilbert, Sam	1. author	A-1023	20 July 2016	12:00	Room 5	S0058
Gilboa, Asaf	1. author	A-0020	18 July 2016	13:00	Room 1	S0002
Gilboa, Asaf	1. author	A-0033	18 July 2016	9:30	Room 8	S0005
Gilboa, Asaf	Chair	-	18 July 2016	13:00	Room 1	S0002
Gisquet-Verrier, Pascale	1. author	A-0158	19 July 2016	13:00	Room 4	S0018
Glynn, Ruth	1. author	A-0582	18 July 2016	13:00	Room 2	I041
Gobet, Fernand	1. author	A-0558	18 July 2016	13:00	Room 3	S0022
Gofman, Alena	1. author	A-0064	20 July 2016	9:30	Room 4	I021
Gomez, Rebecca	1. author	A-0054	18 July 2016	9:30	Room 8	S0005
Gomez, Rebecca	1. author	A-0179	21 July 2016	13:00	Room 7	S0012
Gonidis, Lazaros	1. author	A-0824	21 July 2016	11:30	Aula	P3
Goodman, Gail S.	1. author	A-0027	19 July 2016	15:30	Room 6	S0004
Goodman, Gail S.	1. author	A-0028	19 July 2016	15:30	Room 6	S0004
Gordon, Rebecca A	1. author	A-0112	18 July 2016	13:00	Room 5	I081
Goshen-Gottstein, Yonatan	1. author	A-0093	18 July 2016	13:00	Room 6	S0007
Göz, Bilge	1. author	A-0942	21 July 2016	11:30	Aula	P3
Gräbener, Alexandra-Heike	1. author	A-0411	19 July 2016	11:30	Aula	P2
Gräbener, Alexandra-Heike	1. author	A-0862	21 July 2016	11:30	Aula	P3
Grace, Lydia	1. author	A-0117	18 July 2016	13:00	Room 2	I041
Grady, Cheryl	1. author	A-0991	18 July 2016	9:30	Room 1	S0029
Graf, Tim	1. author	A-0253	21 July 2016	9:30	Room 7	I061
Graf, Tim	Chair	-	21 July 2016	9:30	Room 7	I061
Grande, Xenia	1. author	A-0833	21 July 2016	11:30	Aula	P3
Green, Deanne	1. author	A-0368	18 July 2016	15:30	Room 7	I141
Greve, A.	1. author	A-0403	19 July 2016	11:30	Aula	P2
Griffiths, Benjamin	1. author	A-0617	19 July 2016	15:30	Room 8	I122
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Gruber, Matthias	Chair	-	19 July 2016	15:30	Room 2	S0035
Gruber, Matthias J.	1. author	A-0586	19 July 2016	15:30	Room 2	S0035
Grünberger, Lisa M.	1. author	A-0385	21 July 2016	15:30	Room 1	S0044
Grysmán, Azriel	1. author	A-1017	18 July 2016	9:30	Room 6	S0010
Guida, Alessandro	1. author	A-0290	22 July 2016	12:00	Room 3	S0036
Guillaume, Fabrice	1. author	A-0147	18 July 2016	11:30	Aula	P1
Guo, Yuhua	1. author	A-0114	18 July 2016	11:30	Aula	P1
Guo, Yuhua	1. author	A-0202	20 July 2016	9:30	Room 4	I021
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Gutchess, Angela	Chair	-	19 July 2016	9:30	Room 8	S0049
Gutenbrunner, Charlotte	1. author	A-0578	18 July 2016	13:00	Room 2	I041
Guynn, Melissa J.	1. author	A-1008	20 July 2016	12:00	Room 5	S0058
Gülgöz, Sami	Chair	-	20 July 2016	12:00	Room 7	S0054
Haag, Christina	1. author	A-0885	21 July 2016	11:30	Aula	P3
Habermas, Tilmann	1. author	A-1015	18 July 2016	9:30	Room 6	S0010
Habermas, Tilmann	Discussant	A-0000	18 July 2016	15:30	Room 3	S0052
Hach, Sylvia	1. author	A-0679	22 July 2016	9:30	Room 3	I142
Hallford, David	1. author	A-1062	19 July 2016	13:00	Room 1	I042
Hallford, David	Chair	-	19 July 2016	13:00	Room 1	I042
Han, Yi-Jhong	1. author	A-0692	18 July 2016	11:30	Aula	P1
Hanczakowski, Maciej	1. author	A-0508	22 July 2016	12:00	Room 4	I101
Hanczakowski, Maciej	1. author	A-0510	19 July 2016	11:30	Aula	P2
Hanslmayr, Simon	1. author	A-1033	21 July 2016	15:30	Room 4	S0016
Haque, Shamsul	1. author	A-0531	22 July 2016	9:30	Room 2	I052
Haque, Shamsul	Chair	-	22 July 2016	9:30	Room 2	I052
Hardwicke, Tom	1. author	A-0160	19 July 2016	13:00	Room 4	S0018
Hasher, Lynn	1. author	A-1074	21 July 2016	17:40	Room 1	K9
Heathcote, Andrew	1. author	A-0572	18 July 2016	15:30	Room 6	I072
Hepscher, Melissa	1. author	A-0043	18 July 2016	15:30	Room 8	S0006
Hellenthal, Maria V.	1. author	A-0031	18 July 2016	13:00	Room 8	I051
Hellerstedt, Robin	1. author	A-0539	21 July 2016	9:30	Room 1	S0030
Hellerstedt, Robin	1. author	A-0793	21 July 2016	11:30	Aula	P3
Henkel, Linda	1. author	A-0051	18 July 2016	15:30	Room 5	I131
Herff, Steffen A.	1. author	A-0108	22 July 2016	12:00	Room 4	I101
Herff, Steffen A.	1. author	A-0109	22 July 2016	12:00	Room 4	I101
Herff, Steffen A.	Chair	-	22 July 2016	12:00	Room 4	I101
Hertel, Paula	1. author	A-0210	20 July 2016	9:30	Room 4	I021
Hertel, Paula	Chair	-	20 July 2016	9:30	Room 4	I021
Herweg, Nora A.	1. author	A-0815	21 July 2016	11:30	Aula	P3
Hibberd, Lily	1. author	A-1068	21 July 2016	9:30	Room 2	S0055
Hicks, Jason L.	1. author	A-0949	18 July 2016	9:30	Room 3	I091
Hicks, Jason L.	Chair	-	18 July 2016	9:30	Room 3	I091

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Higham, Philip A	Chair	-	22 July 2016	9:30	Room 4	I132
Himmer, Lea	1. author	A-0671	19 July 2016	11:30	Aula	P2
Hlrano, Tetsuji	1. author	A-0472	19 July 2016	11:30	Aula	P2
Hirst, William	1. author	A-0219	20 July 2016	9:30	Room 1	S0151
Hirst, William	1. author	A-0364	18 July 2016	13:00	Room 4	S0039
Hirst, William	Chair	-	20 July 2016	9:30	Room 1	S0151
Hirst, William	Chair	-	20 July 2016	12:00	Room 1	S0152
Hirst, William	Discussant	A-0000	19 July 2016	13:00	Room 7	S0033
Hirst, William	Discussant	A-0000	20 July 2016	9:30	Room 1	S0151
Hitchcock, Caitlin	1. author	A-0631	22 July 2016	9:30	Room 3	I142
Hitchcock, Caitlin	Chair	-	22 July 2016	9:30	Room 3	I142
Hodgetts, Carl J.	1. author	A-0600	19 July 2016	15:30	Room 8	I122
Hodgetts, Carl J.	Chair	-	19 July 2016	15:30	Room 8	I122
Hoefeijzers, Serge	1. author	A-0499	20 July 2016	12:00	Room 3	S0020
Hoffmann, Janina A.	1. author	A-0661	20 July 2016	9:30	Room 2	I012
Hoffmann, Janina A.	Chair	-	20 July 2016	9:30	Room 2	I012
Hogrefe, Antonia	1. author	A-0883	21 July 2016	11:30	Aula	P3
Hollins, Timothy J	1. author	A-0276	18 July 2016	15:30	Room 5	I131
Hollins, Timothy J.	1. author	A-0275	18 July 2016	9:30	Room 2	I071
Holmes, Emily A.	Discussant	A-0000	21 July 2016	15:30	Room 1	S0044
Holmes, Joni	1. author	A-0806	18 July 2016	15:30	Room 2	S0053
Honma, Yoshiko	1. author	A-0850	21 July 2016	13:00	Room 4	I023
Hope, Lorraine	1. author	A-0964	22 July 2016	12:00	Room 1	S0057
Hope, Lorraine	Discussant	A-0000	22 July 2016	12:00	Room 1	S0057
Hornberger, Michael	1. author	A-0182	20 July 2016	12:00	Room 4	S0024
Hornberger, Michael	1. author	A-0922	19 July 2016	15:30	Room 4	S0060
Horner, Aidan	1. author	A-0174	21 July 2016	15:30	Room 3	S0009
Horner, Aidan	1. author	A-0175	20 July 2016	12:00	Room 2	S0014
Horner, Aidan	Chair	-	21 July 2016	15:30	Room 3	S0009
Horry, Ruth	1. author	A-0094	18 July 2016	13:00	Room 6	S0007
Horton, Caroline	1. author	A-0247	19 July 2016	9:30	Room 5	I031
Horton, Caroline	1. author	A-0248	18 July 2016	11:30	Aula	P1
Horton, Caroline	Chair	-	19 July 2016	9:30	Room 5	I031
Horváth, Kata	1. author	A-0633	18 July 2016	11:30	Aula	P1
Hosokawa, Aya	1. author	A-0756	19 July 2016	13:00	Room 1	I042
Houston, Alexandra	1. author	A-0444	19 July 2016	11:30	Aula	P2
Howe, David	1. author	A-0061	18 July 2016	11:30	Aula	P1
Howe, Mark L.	Chair	-	19 July 2016	15:30	Room 6	S0004
Howe, Mark L.	Discussant	A-0000	20 July 2016	12:00	Room 6	S0013
Hughes, Robert W.	1. author	A-0918	21 July 2016	11:30	Aula	P3
Hulbert, Justin	1. author	A-0468	19 July 2016	15:30	Room 1	S0038
Huntjens, Rafaële J. C.	1. author	A-0871	21 July 2016	15:30	Room 6	S0050
Hupbach, Almut	1. author	A-0464	19 July 2016	15:30	Room 1	S0038

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Hurlstone, Mark	1. author	A-0287	22 July 2016	12:00	Room 3	S0036
Hurlstone, Mark J.	1. author	A-0976	21 July 2016	9:30	Room 5	S0056
Husain, Masud	1. author	A-0496	20 July 2016	12:00	Room 3	S0020
Igloi, Kinga	1. author	A-1035	21 July 2016	13:00	Room 2	S0021
Ikeda, Kazuhiro	1. author	A-0195	18 July 2016	11:30	Aula	P1
Illingworth, Shona	1. author	A-1071	21 July 2016	9:30	Room 2	S0055
Illingworth, Shona	Chair	-	21 July 2016	9:30	Room 2	S0055
Irish, Muireann	1. author	A-0107	19 July 2016	9:30	Room 6	I171
Irish, Muireann	1. author	A-0186	20 July 2016	12:00	Room 4	S0024
Irish, Muireann	1. author	A-0268	20 July 2016	9:30	Room 5	S0032
Irish, Muireann	Chair	-	20 July 2016	12:00	Room 4	S0024
Iriye, Heather M.	1. author	A-0890	21 July 2016	11:30	Aula	P3
Ito, Yuichi	1. author	A-0534	19 July 2016	11:30	Aula	P2
Itoh, Yuji	1. author	A-0729	21 July 2016	11:30	Aula	P3
Jabès, Adeline	1. author	A-0489	19 July 2016	11:30	Aula	P2
Jakubowski, Kelly	1. author	A-0342	18 July 2016	13:00	Room 7	S0041
Jamaluddin, S. Azrin	1. author	A-0402	19 July 2016	11:30	Aula	P2
James, Emma	1. author	A-0652	19 July 2016	11:30	Aula	P2
Janacek, Karolina	1. author	A-0755	21 July 2016	11:30	Aula	P3
Jansari, Ashok	1. author	A-0561	20 July 2016	12:00	Room 8	I082
Jansari, Ashok	1. author	A-0703	22 July 2016	12:00	Room 2	S0051
Jansari, Ashok	1. author	A-0738	22 July 2016	9:30	Room 4	I132
Janssen, Steve M. J.	1. author	A-0193	21 July 2016	13:00	Room 5	S0019
Janssen, Steve M. J.	Chair	-	21 July 2016	13:00	Room 5	S0019
Jarjat, Gabriel	1. author	A-0759	21 July 2016	11:30	Aula	P3
Javadi, Amir-Homayoun	1. author	A-0939	21 July 2016	11:30	Aula	P3
Jemstedt, Andreas	1. author	A-0751	21 July 2016	11:30	Aula	P3
Jenkins, Laura	1. author	A-0010	18 July 2016	11:30	Aula	P1
Jenkins, Laura	1. author	A-0011	18 July 2016	11:30	Aula	P1
Jersakova, Radka	1. author	A-0640	18 July 2016	11:30	Aula	P1
Jeunehomme, Olivier	1. author	A-0500	19 July 2016	11:30	Aula	P2
Ji, Julie L	1. author	A-0754	21 July 2016	11:30	Aula	P3
Johansson, Roger	1. author	A-0792	20 July 2016	9:30	Room 2	I012
Johnson, Andrew J.	1. author	A-0573	19 July 2016	11:30	Aula	P2
Johnson, Andrew J.	1. author	A-0700	20 July 2016	12:00	Room 8	I082
Jones, Nicola	1. author	A-0134	19 July 2016	9:30	Room 4	S0003
Jonin, P.Y.	1. author	A-0311	18 July 2016	9:30	Room 4	I011
Jonin, Pierre-Yves	1. author	A-0455	21 July 2016	15:30	Room 2	S0046
Jonin, PY	1. author	A-0313	21 July 2016	13:00	Room 3	I151
Jordão, Magda	1. author	A-0865	21 July 2016	11:30	Aula	P3
Joubert, Clémence	1. author	A-0233	18 July 2016	11:30	Aula	P1
Justice, Lucy V.	1. author	A-0513	18 July 2016	13:00	Room 2	I041
Kadriu, Fortesa	1. author	A-0874	21 July 2016	15:30	Room 6	S0050

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Kafkas, Alexandros	1. author	A-0452	21 July 2016	15:30	Room 2	S0046
Kahana, Michael J.	1. author	A-0978	21 July 2016	9:30	Room 5	S0056
Kahana, Michael J.	1. author	A-1065	21 July 2016	8:30	Room 1	K8
Kalm, Kristjan	1. author	A-0286	22 July 2016	12:00	Room 3	S0036
Kamiloğlu, Roza	1. author	A-0520	18 July 2016	11:30	Aula	P1
Kapardi, M.	1. author	A-0775	21 July 2016	9:30	Room 4	I013
Kapl, Stepan	1. author	A-0774	21 July 2016	11:30	Aula	P3
Kaplan, Raphael	1. author	A-0046	18 July 2016	15:30	Room 8	S0006
Kaplan, Raphael	Chair	-	18 July 2016	15:30	Room 8	S0006
Karaca, Meltem	1. author	A-0325	22 July 2016	12:00	Room 4	I101
Karadöller, Dilay Z.	1. author	A-0915	21 July 2016	11:30	Aula	P3
Kark, Sarah M	1. author	A-0235	18 July 2016	11:30	Aula	P1
Karlsson, Anna	1. author	A-0851	21 July 2016	11:30	Aula	P3
Karlsson, Bodil S. A.	1. author	A-0005	22 July 2016	9:30	Room 5	I161
Karlsson, Bodil S.A.	1. author	A-0003	22 July 2016	12:00	Room 5	I162
Karlsson, Bodil S.A.	Chair	-	22 July 2016	12:00	Room 5	I162
Karni, Avi	1. author	A-1061	21 July 2016	15:30	Room 5	S0034
Karni, Avi	Chair	-	21 July 2016	15:30	Room 5	S0034
Kaula, Alexander J.	1. author	A-0780	21 July 2016	11:30	Aula	P3
Kawasaki, Yayoi	1. author	A-0733	21 July 2016	11:30	Aula	P3
Keasley, Robert	1. author	A-0465	19 July 2016	11:30	Aula	P2
Keidel, James L.	1. author	A-0888	21 July 2016	11:30	Aula	P3
Keidel, James L.	1. author	A-0892	21 July 2016	11:30	Aula	P3
Kemeny, Ferenc	1. author	A-0416	19 July 2016	13:00	Room 6	S0028
Kensinger, Elizabeth	1. author	A-0310	19 July 2016	15:30	Room 3	S0031
Kensinger, Elizabeth A.	1. author	A-0841	19 July 2016	9:30	Room 8	S0049
Keresztes, Attila	1. author	A-0449	20 July 2016	9:30	Room 6	S0026
Keresztes, Attila	Chair	-	20 July 2016	9:30	Room 6	S0026
Kessels, Roy P.C.	1. author	A-0497	20 July 2016	12:00	Room 3	S0020
Kim, Misun	1. author	A-0042	18 July 2016	11:30	Aula	P1
King, Bradley R.	1. author	A-1034	21 July 2016	15:30	Room 5	S0034
Király, Ildikó	1. author	A-0881	18 July 2016	11:30	Aula	P1
Kirk, Marie	1. author	A-0433	19 July 2016	15:30	Room 5	S0042
Kirmsse, Alexander	1. author	A-0490	20 July 2016	12:00	Room 3	S0020
Kirwan, C. Brock	1. author	A-0121	21 July 2016	13:00	Room 7	S0012
Kızıloz, Burcu Kaya	1. author	A-0795	21 July 2016	11:30	Aula	P3
Klencklen, Giuliana	1. author	A-0823	21 July 2016	11:30	Aula	P3
Klinzing, Jens G.	1. author	A-0623	18 July 2016	11:30	Aula	P1
Klun, Lisa Marieke	1. author	A-0272	18 July 2016	11:30	Aula	P1
Knott, Lauren	1. author	A-0022	19 July 2016	15:30	Room 6	S0004
Knott, Lauren M.	Chair	-	19 July 2016	15:30	Room 6	S0004
Knowlton, Barbara	1. author	A-0104	18 July 2016	15:30	Room 1	S0011
Knowlton, Barbara	Chair	-	18 July 2016	8:30	Room 1	K2

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Ko, Philip C.	1. author	A-0492	20 July 2016	12:00	Room 3	S0020
Kobayashi, Masanori	1. author	A-0245	18 July 2016	11:30	Aula	P1
Kóbor, Andrea	1. author	A-0611	18 July 2016	11:30	Aula	P1
Koen, Joshua D.	1. author	A-0266	18 July 2016	11:30	Aula	P1
Koh, Jessie Bee Kim	1. author	A-0346	18 July 2016	11:30	Aula	P1
Koh, Jessie Bee Kim	1. author	A-0360	19 July 2016	13:00	Room 7	S0033
Kohler, Stefan	1. author	A-0458	21 July 2016	15:30	Room 2	S0046
Kohler, Stefan	1. author	A-0481	21 July 2016	9:30	Room 3	S0048
Konrad, Boris	Chair	-	18 July 2016	13:00	Room 3	S0022
Kontogianni, Feni	1. author	A-0252	18 July 2016	11:30	Aula	P1
Kopelman, Michael	Discussant	A-0000	20 July 2016	12:00	Room 4	S0024
Koppel, Jonathan	1. author	A-0804	19 July 2016	13:00	Room 1	I042
Koriat, Asher	1. author	A-0161	18 July 2016	9:30	Room 2	I071
Koriat, Asher	Chair	-	18 July 2016	9:30	Room 2	I071
Kovács, Gyula	1. author	A-0378	18 July 2016	9:30	Room 7	S0001
Kovacs, Kristof	1. author	A-0935	21 July 2016	9:30	Room 8	I083
Köber, Christin	1. author	A-1016	18 July 2016	9:30	Room 6	S0010
Köber, Christin	Chair	-	18 July 2016	9:30	Room 6	S0010
Krans, Julie	1. author	A-0878	21 July 2016	15:30	Room 6	S0050
Kretschmer, Anett	1. author	A-0550	20 July 2016	9:30	Room 3	S0045
Kroes, Marijn	1. author	A-1054	19 July 2016	13:00	Room 4	S0018
Kroes, Marijn	Chair	-	19 July 2016	13:00	Room 4	S0018
Kroes, Marijn CW	1. author	A-1056	21 July 2016	11:30	Aula	P3
Krogulska, Aleksandra	1. author	A-0533	19 July 2016	11:30	Aula	P2
Krogulska, Aleksandra	1. author	A-0674	19 July 2016	11:30	Aula	P2
Krogulska, Aleksandra	1. author	A-0837	21 July 2016	11:30	Aula	P3
Krøjgaard, Peter	1. author	A-0333	21 July 2016	13:00	Room 6	S0040
Krumvansl, Carol Lynne	1. author	A-1001	18 July 2016	9:30	Room 5	S0062
Kubik, Veit	1. author	A-0901	21 July 2016	11:30	Aula	P3
Kubik, Veit	1. author	A-0906	21 July 2016	11:30	Aula	P3
Kuhlmann, Beatrice G.	1. author	A-0153	18 July 2016	9:30	Room 2	I071
Kumar, Abhilasha A.	1. author	A-0745	19 July 2016	13:00	Room 1	I042
Kunz, Lukas	1. author	A-0090	21 July 2016	15:30	Room 3	S0009
Kunz, Lukas	1. author	A-0543	19 July 2016	11:30	Aula	P2
Kvavilashvili, Lia	1. author	A-0343	18 July 2016	13:00	Room 7	S0041
Kvavilashvili, Lia	1. author	A-0380	21 July 2016	15:30	Room 1	S0044
Kvavilashvili, Lia	Chair	-	21 July 2016	13:00	Room 6	S0040
Kvavilashvili, Lia	Chair	-	18 July 2016	13:00	Room 7	S0041
Kvavilashvili, Lia	Discussant	A-0000	19 July 2016	13:00	Room 3	S0027
La Corte, Valentina	1. author	A-0933	18 July 2016	9:30	Room 3	I091
La Joie, Renaud	1. author	A-0181	20 July 2016	12:00	Room 4	S0024
Labbé, Daniel	1. author	A-0556	19 July 2016	11:30	Aula	P2
Lah, Suncica Sunny	1. author	A-0594	22 July 2016	12:00	Room 2	S0051

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Lange, Gesa	1. author	A-0293	21 July 2016	15:30	Room 5	S0034
Lange, Nicholas	1. author	A-0451	21 July 2016	13:00	Room 8	I111
Larzabal, Christelle	1. author	A-0390	18 July 2016	9:30	Room 4	I011
Laughland, Andrew	1. author	A-0434	19 July 2016	15:30	Room 5	S0042
Laughland, Andrew	1. author	A-0435	19 July 2016	15:30	Room 5	S0042
Lau-Zhu, Alex	1. author	A-0382	21 July 2016	15:30	Room 1	S0044
Lau-Zhu, Alex	Chair	-	21 July 2016	15:30	Room 1	S0044
Lee, Huang-Mou	1. author	A-0495	19 July 2016	11:30	Aula	P2
Lee, Joshua K.	1. author	A-0120	21 July 2016	13:00	Room 7	S0012
Lee, Yuh-shiow	1. author	A-0790	21 July 2016	11:30	Aula	P3
Lehmann, Mick	1. author	A-0122	18 July 2016	11:30	Aula	P1
Lei, Xu	1. author	A-0787	21 July 2016	13:00	Room 4	I023
Leichtman, Michelle D.	1. author	A-0666	18 July 2016	11:30	Aula	P1
Lerma-Usabiaga, G.	1. author	A-0389	21 July 2016	13:00	Room 1	I121
Lerma-Usabiaga, Garikoitz	1. author	A-0726	21 July 2016	15:30	Room 8	I123
Levy, Ben	1. author	A-0941	21 July 2016	13:00	Room 4	I023
Levy, Ben	Chair	-	21 July 2016	13:00	Room 4	I023
Levy, Daniel A.	1. author	A-0308	19 July 2016	15:30	Room 3	S0031
Levy, Daniel A.	1. author	A-0995	19 July 2016	9:30	Room 1	S0059
Li, Shu-Chen	1. author	A-0354	19 July 2016	13:00	Room 5	S0037
Li, Weidong	1. author	A-1066	18 July 2016	13:00	Room 3	S0022
Lin, Wen-Jing	1. author	A-0323	19 July 2016	11:30	Aula	P2
Linde-Domingo, Juan	1. author	A-0926	21 July 2016	11:30	Aula	P3
Lindner, Oana C.	1. author	A-0718	19 July 2016	11:30	Aula	P2
Liu, Yajing	1. author	A-0560	22 July 2016	9:30	Room 2	I052
Liu, Yating	1. author	A-0237	21 July 2016	13:00	Room 1	I121
Loane, Clare	1. author	A-0596	18 July 2016	11:30	Aula	P1
Logie, Robert	1. author	A-0797	18 July 2016	15:30	Room 2	S0053
Logie, Robert H.	1. author	A-0979	21 July 2016	9:30	Room 5	S0056
Loveday, Catherine	1. author	A-0998	18 July 2016	9:30	Room 5	S0062
Loveday, Catherine	1. author	A-1004	21 July 2016	9:30	Room 2	S0055
Loveday, Catherine	Chair	-	18 July 2016	9:30	Room 5	S0062
Lucaciu, Irina M.	1. author	A-0724	21 July 2016	11:30	Aula	P3
Lugtmeijer, Selma	1. author	A-0614	18 July 2016	11:30	Aula	P1
Luke, Timothy J.	1. author	A-0907	22 July 2016	9:30	Room 4	I132
Lunke, Katrin	1. author	A-0891	21 July 2016	11:30	Aula	P3
Lutz, Nicolas D.	1. author	A-0630	18 July 2016	11:30	Aula	P1
Mace, John H.	1. author	A-0436	19 July 2016	15:30	Room 5	S0042
Macri, Anthony	1. author	A-0129	19 July 2016	11:30	Aula	P2
Maguire, Eleanor A.	1. author	A-1011	22 July 2016	8:30	Room 1	K10
Mahr, Johannes	1. author	A-0410	18 July 2016	13:00	Room 8	I051
Majerus, Steve	1. author	A-0289	22 July 2016	12:00	Room 3	S0036

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Makowski, Dominique	1. author	A-0768	19 July 2016	13:00	Room 1	I042
Malejka, Simone	1. author	A-0277	18 July 2016	9:30	Room 2	I071
Marchlewska, Marta	1. author	A-0251	18 July 2016	13:00	Room 2	I041
Marevic, Ivan	1. author	A-0154	20 July 2016	9:30	Room 4	I021
Marián, Miklós	1. author	A-0839	21 July 2016	11:30	Aula	P3
Marin-Garcia, Eugenia	1. author	A-0705	19 July 2016	11:30	Aula	P2
Marjerus, Steve	1. author	A-0425	21 July 2016	9:30	Room 6	S0043
Markopoulos, Gerasimos	1. author	A-0149	19 July 2016	9:30	Room 4	S0003
Martial, Charlotte	1. author	A-0493	19 July 2016	11:30	Aula	P2
Martín-Buro, Maria Carmen	1. author	A-0574	19 July 2016	11:30	Aula	P2
Martinon, Léa Marie	1. author	A-0336	19 July 2016	11:30	Aula	P2
Masoura, Elvira	1. author	A-0810	18 July 2016	15:30	Room 2	S0053
Matsumoto, Noboru	1. author	A-0505	19 July 2016	11:30	Aula	P2
Mattfeld, Aaron	1. author	A-1036	21 July 2016	13:00	Room 2	S0021
Maxcey, Ashleigh M.	1. author	A-0292	18 July 2016	9:30	Room 2	I071
Maxcey, Ashleigh M.	1. author	A-0540	21 July 2016	9:30	Room 1	S0030
May, Patrick J. C.	1. author	A-0953	18 July 2016	9:30	Room 7	S0001
Mazzoni, Giuliana	1. author	A-0142	20 July 2016	12:00	Room 6	S0013
Mazzoni, Giuliana	1. author	A-0331	21 July 2016	13:00	Room 6	S0040
McCormick, Cornelia	1. author	A-0037	18 July 2016	11:30	Aula	P1
McGaugh, James L.	1. author	A-0357	18 July 2016	13:00	Room 3	S0022
McKeown, Denis	1. author	A-0506	19 July 2016	11:30	Aula	P2
Meade, Michelle	1. author	A-0362	19 July 2016	13:00	Room 7	S0033
Meade, Michelle	1. author	A-0960	19 July 2016	9:30	Room 8	S0049
Meade, Michelle L.	1. author	A-0218	20 July 2016	9:30	Room 1	S0151
Mealor, Andy D	1. author	A-0776	22 July 2016	9:30	Room 1	I152
Mecklinger, Axel	1. author	A-0305	19 July 2016	15:30	Room 3	S0031
Mecklinger, Axel	Chair	-	19 July 2016	15:30	Room 3	S0031
Meconi, Federica	1. author	A-0832	21 July 2016	11:30	Aula	P3
Meeter, Martijn	1. author	A-0454	21 July 2016	15:30	Room 2	S0046
Mehta, Riddhi H.	1. author	A-0736	21 July 2016	11:30	Aula	P3
Meier, Beat	1. author	A-0415	19 July 2016	13:00	Room 6	S0028
Meier, Beat	1. author	A-0986	20 July 2016	12:00	Room 5	S0058
Meier, Beat	Chair	-	20 July 2016	12:00	Room 5	S0058
Meksin, Robert	1. author	A-0372	18 July 2016	13:00	Room 2	I041
Melinder, Annika	1. author	A-0024	19 July 2016	15:30	Room 6	S0004
Melinder, Annika	1. author	A-0026	19 July 2016	15:30	Room 6	S0004
Mendes, Pedro Simão	1. author	A-0116	18 July 2016	9:30	Room 4	I011
Merhav, Maayan	1. author	A-0048	18 July 2016	9:30	Room 8	S0005
Merhav, Maayan	1. author	A-0049	18 July 2016	11:30	Aula	P1
Michaelian, Kourken	1. author	A-0169	19 July 2016	9:30	Room 7	S0017
Michelmann, Sebastian	1. author	A-0517	22 July 2016	12:00	Room 4	I101
Mickes, Laura	1. author	A-0091	18 July 2016	13:00	Room 6	S0007

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Migueles, Malen	1. author	A-0686	19 July 2016	11:30	Aula	P2
Miller, Laurie	Chair	-	22 July 2016	12:00	Room 2	S0051
Miller, Laurie A.	1. author	A-0704	22 July 2016	12:00	Room 2	S0051
Miller, Leonie M.	1. author	A-0584	19 July 2016	11:30	Aula	P2
Miller, Thomas D.	1. author	A-0710	19 July 2016	11:30	Aula	P2
Minarik, Tamas	1. author	A-0634	19 July 2016	15:30	Room 8	I122
Miranda, Mônica Carolina	1. author	A-0115	18 July 2016	11:30	Aula	P1
Mitchell, Anna S.	1. author	A-0927	19 July 2016	15:30	Room 4	S0060
Miura, Hiroshi	1. author	A-0587	19 July 2016	11:30	Aula	P2
Miyoshi, Kiyofumi	1. author	A-0528	18 July 2016	15:30	Room 6	I072
Moeck, Ella	1. author	A-0344	18 July 2016	13:00	Room 7	S0041
Mograbi, Daniel C.	1. author	A-1039	18 July 2016	15:30	Room 4	S0061
Mograbi, Daniel C.	Chair	-	18 July 2016	15:30	Room 4	S0061
Montagrin, Alison	1. author	A-0641	22 July 2016	9:30	Room 3	I142
Montagrin, Alison	1. author	A-0720	21 July 2016	11:30	Aula	P3
Morcom, Alexa M.	1. author	A-0353	19 July 2016	13:00	Room 5	S0037
Morcom, Alexa M.	1. author	A-0846	19 July 2016	15:30	Room 7	S0025
Moro, Valentina	1. author	A-1041	18 July 2016	15:30	Room 4	S0061
Moroshkina, Nadezhda	1. author	A-0747	18 July 2016	11:30	Aula	P1
Morris, Robin	1. author	A-1044	18 July 2016	15:30	Room 4	S0061
Morris, Robin G.	Discussant	A-0000	18 July 2016	15:30	Room 4	S0061
Morris, Thomas	1. author	A-0694	22 July 2016	9:30	Room 1	I152
Morrison, Catriona	1. author	A-0002	18 July 2016	15:30	Room 5	I131
Morrison, Catriona	Chair	-	18 July 2016	15:30	Room 5	I131
Morrison, Catriona M.	1. author	A-0999	18 July 2016	9:30	Room 5	S0062
Morson, Suzannah M	1. author	A-0159	19 July 2016	9:30	Room 4	S0003
Moscovitch, Morris	Discussant	A-0000	18 July 2016	13:00	Room 1	S0002
Moscovitch, Morris	Discussant	A-0000	19 July 2016	9:30	Room 1	S0059
Moss, Andrew	1. author	A-0309	18 July 2016	13:00	Room 5	I081
Moss, Andrew	1. author	A-0615	18 July 2016	11:30	Aula	P1
Moulin, Chris	1. author	A-0443	19 July 2016	11:30	Aula	P2
Moulin, Chris J.A.	1. author	A-0456	21 July 2016	15:30	Room 2	S0046
Moulin, Chris J.A.	1. author	A-0477	21 July 2016	9:30	Room 3	S0048
Moulin, Chris J.A.	1. author	A-0997	18 July 2016	9:30	Room 5	S0062
Moulin, Christopher	Chair	-	21 July 2016	15:30	Room 2	S0046
Möschl, Marcus	1. author	A-0604	18 July 2016	11:30	Aula	P1
Muhlert, Nils	1. author	A-0702	22 July 2016	12:00	Room 2	S0051
Mullally, Sinéad	1. author	A-0442	19 July 2016	13:00	Room 2	S0023
Muller, Felipe	1. author	A-0735	22 July 2016	9:30	Room 2	I052
Murayama, Kou	1. author	A-0321	19 July 2016	15:30	Room 2	S0035
Murty, Vishnu	1. author	A-0463	19 July 2016	15:30	Room 2	S0035
Murty, Vishnu	1. author	A-0987	19 July 2016	9:30	Room 8	S0049
Mutafoğlu, Merve	1. author	A-0875	18 July 2016	11:30	Aula	P1

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Nadeem, Nouman	1. author	A-0298	21 July 2016	9:30	Room 7	I061
Nadel, Lynn	Chair	-	22 July 2016	8:30	Room 1	K10
Nadel, Lynn	Chair	-	20 July 2016	14:25	Room 1	K7
Nadel, Lynn	Discussant	A-0000	19 July 2016	13:00	Room 2	S0023
Nadel, Lynn	Discussant	A-0000	19 July 2016	15:30	Room 1	S0038
Nagy, David G.	1. author	A-0952	18 July 2016	11:30	Aula	P1
Nagy, Marton	1. author	A-0847	21 July 2016	11:30	Aula	P3
Nahleen, Sasha	1. author	A-0401	18 July 2016	15:30	Room 7	I141
Nahouli, Zacharia	1. author	A-0778	21 July 2016	11:30	Aula	P3
Narimoto, Tadamasu	1. author	A-0476	19 July 2016	9:30	Room 3	I062
Nash, Robert A.	1. author	A-0074	18 July 2016	13:00	Room 8	I051
Nash, Robert A.	Chair	-	18 July 2016	13:00	Room 8	I051
Naveh-Benjamin, Moshe	1. author	A-0350	19 July 2016	13:00	Room 5	S0037
Naveh-Benjamin, Moshe	Chair	-	19 July 2016	13:00	Room 5	S0037
Neath, Ian	1. author	A-0288	22 July 2016	12:00	Room 3	S0036
Neath, Ian	1. author	A-0977	21 July 2016	9:30	Room 5	S0056
Nemeth, Dezso	1. author	A-0412	19 July 2016	13:00	Room 6	S0028
Nemeth, Dezso	Chair	-	19 July 2016	13:00	Room 6	S0028
Newcombe, Nora	Chair	-	21 July 2016	13:00	Room 7	S0012
Ngo, Chi	Chair	-	21 July 2016	13:00	Room 7	S0012
Ngo, Chi T.	1. author	A-0119	21 July 2016	13:00	Room 7	S0012
Nicolás, Berta	1. author	A-0894	21 July 2016	11:30	Aula	P3
Niedźwieńska, Agnieszka	1. author	A-0241	19 July 2016	13:00	Room 3	S0027
Niedźwieńska, Agnieszka	1. author	A-0328	21 July 2016	13:00	Room 6	S0040
Niedźwieńska, Agnieszka	Chair	-	19 July 2016	13:00	Room 3	S0027
Niewiara, Aleksandra	1. author	A-0613	18 July 2016	11:30	Aula	P1
Nightingale, Sophie	1. author	A-0648	20 July 2016	12:00	Room 8	I082
Noack, Hannes	1. author	A-0835	21 July 2016	11:30	Aula	P3
Nørby, Simon	1. author	A-0470	19 July 2016	15:30	Room 1	S0038
Noreen, Saima	1. author	A-0610	21 July 2016	15:30	Room 7	I022
Noreen, Saima	1. author	A-0612	18 July 2016	11:30	Aula	P1
Nortje, Alicia	1. author	A-0690	22 July 2016	9:30	Room 4	I132
Nortje, Alicia	1. author	A-0691	19 July 2016	11:30	Aula	P2
Nourkova, Veronika	1. author	A-0062	22 July 2016	12:00	Room 5	I162
Numbers, Katya	1. author	A-0269	18 July 2016	11:30	Aula	P1
Numbers, Katya	1. author	A-0270	19 July 2016	13:00	Room 7	S0033
O'Connor, Akira R.	1. author	A-0457	21 July 2016	15:30	Room 2	S0046
O'Connor, Akira R.	Chair	-	21 July 2016	9:30	Room 3	S0048
Oedekoven, Christiane	1. author	A-0246	18 July 2016	11:30	Aula	P1
Ofen, Noa	1. author	A-0204	21 July 2016	13:00	Room 7	S0012
Ofen, Noa	Chair	-	19 July 2016	13:00	Room 2	S0023
Oftinger, Anne-Laure	1. author	A-0072	18 July 2016	13:00	Room 5	I081

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Oner, Sezin	1. author	A-0830	20 July 2016	12:00	Room 7	S0054
Ost, James	1. author	A-0231	18 July 2016	15:30	Room 5	I131
Otgaar, Henry	1. author	A-0141	20 July 2016	12:00	Room 6	S0013
Otgaar, Henry	Chair	-	20 July 2016	12:00	Room 6	S0013
Oulton, Jacinta	1. author	A-0581	18 July 2016	15:30	Room 7	I141
Öner, Sezin	1. author	A-0565	18 July 2016	15:30	Room 7	I141
Öner, Sezin	1. author	A-0973	21 July 2016	9:30	Room 4	I013
Özbek, Müge	1. author	A-0111	18 July 2016	11:30	Aula	P1
Page, Mike	Discussant	A-0000	22 July 2016	12:00	Room 3	S0036
Pajkossy, Péter	1. author	A-0808	21 July 2016	11:30	Aula	P3
Palombo, Daniela J.	1. author	A-0525	19 July 2016	11:30	Aula	P2
Pansky, Ainat	1. author	A-0301	18 July 2016	15:30	Room 6	I072
Papenberg, Goran	1. author	A-0430	21 July 2016	9:30	Room 6	S0043
Park, Joanne L.	1. author	A-0767	21 July 2016	11:30	Aula	P3
Parvizi, Josef	1. author	A-0993	19 July 2016	9:30	Room 1	S0059
Passolunghi, Maria Chiara	1. author	A-0488	19 July 2016	11:30	Aula	P2
Pastötter, Bernhard	1. author	A-0391	21 July 2016	15:30	Room 7	I022
Patai, Eva Zita	1. author	A-0199	21 July 2016	15:30	Room 4	S0016
Paulo, Rui	1. author	A-0230	18 July 2016	11:30	Aula	P1
Pauly-Takacs, Kata	Chair	-	20 July 2016	9:30	Room 5	S0032
Pauly-Takács, Kata	1. author	A-0462	20 July 2016	9:30	Room 5	S0032
Paz-Alonso, Pedro M.	1. author	A-0206	19 July 2016	13:00	Room 2	S0023
Peigneux, Philippe	1. author	A-0414	19 July 2016	13:00	Room 6	S0028
Pelagatti, Claudia	1. author	A-0524	19 July 2016	11:30	Aula	P2
Penningroth, Suzanna L.	1. author	A-0053	18 July 2016	11:30	Aula	P1
Pereira, Antonina	1. author	A-0007	18 July 2016	9:30	Room 3	I091
Pereira, Antonina	1. author	A-0244	19 July 2016	13:00	Room 3	S0027
Pereira, Diana R.	1. author	A-0326	18 July 2016	11:30	Aula	P1
Pereira, Diana R.	1. author	A-0672	19 July 2016	11:30	Aula	P2
Pereira, Jackeline Neves	1. author	A-0930	21 July 2016	11:30	Aula	P3
Pergola, Giulio	1. author	A-0921	19 July 2016	15:30	Room 4	S0060
Perrin, Denis	1. author	A-0170	19 July 2016	9:30	Room 7	S0017
Persson, Bjorn M.	1. author	A-0341	21 July 2016	13:00	Room 1	I121
Pesthy, Orsolya	1. author	A-0649	18 July 2016	11:30	Aula	P1
Pfeifer, Gaby	1. author	A-0015	18 July 2016	11:30	Aula	P1
Pfeifer, Gaby	1. author	A-0016	18 July 2016	11:30	Aula	P1
Phillips, Natalie Lynette	1. author	A-0399	18 July 2016	9:30	Room 3	I091
Phillips, Natalie Lynette	1. author	A-0400	21 July 2016	13:00	Room 3	I151
Pica, Gennaro	1. author	A-0642	21 July 2016	15:30	Room 7	I022
Pillemer, David B.	1. author	A-1021	19 July 2016	9:30	Room 2	S0047
Pillemer, David B.	Chair	-	19 July 2016	9:30	Room 2	S0047
Pillemer, David B.	Discussant	A-0000	20 July 2016	12:00	Room 7	S0054
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Plimpton, Ben	1. author	A-0381	21 July 2016	15:30	Room 1	S0044
Plummer, Matthew	1. author	A-0440	19 July 2016	11:30	Aula	P2
Pompeia, Sabine	1. author	A-0274	18 July 2016	11:30	Aula	P1
Pompeia, Sabine	1. author	A-0501	18 July 2016	11:30	Aula	P1
Porter, Cody	1. author	A-0571	19 July 2016	11:30	Aula	P2
Portnoy, Shiri	1. author	A-0267	18 July 2016	11:30	Aula	P1
Potts, Rosalind	1. author	A-0685	22 July 2016	9:30	Room 5	I161
Potts, Rosalind	Chair	-	22 July 2016	9:30	Room 5	I161
Preston, Alison	1. author	A-0039	18 July 2016	13:00	Room 1	S0002
Preston, Alison R.	1. author	A-0113	21 July 2016	13:00	Room 7	S0012
Preston, Alison R.	1. author	A-0128	20 July 2016	12:00	Room 2	S0014
Quaedflieg, C.W.E.M.	1. author	A-0173	18 July 2016	11:30	Aula	P1
Racsmany, Mihaly	Chair	-	20 July 2016	8:30	Room 1	K6
Racsmany, Mihaly	Chair	-	21 July 2016	8:30	Room 1	K8
Rago, Anett	1. author	A-0957	21 July 2016	13:00	Room 8	I111
Rago, Anett	1. author	A-0959	21 July 2016	11:30	Aula	P3
Rainsford, Miriam	1. author	A-0740	22 July 2016	12:00	Room 4	I101
Rajaram, Suparna	1. author	A-0217	20 July 2016	9:30	Room 1	S0151
Rajaram, Suparna	Chair	-	20 July 2016	9:30	Room 1	S0151
Rajaram, Suparna	Chair	-	20 July 2016	12:00	Room 1	S0152
Rajaram, Suparna	Discussant	A-0000	19 July 2016	9:30	Room 8	S0049
Rajaram, Suparna	Discussant	A-0000	20 July 2016	12:00	Room 1	S0152
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Rasch, Björn	1. author	A-0200	21 July 2016	15:30	Room 4	S0016
Rasmussen, Anne	1. author	A-0226	20 July 2016	12:00	Room 1	S0152
Rathbone, Clare J.	1. author	A-0432	19 July 2016	15:30	Room 5	S0042
Rechdan, Joanne	1. author	A-0968	22 July 2016	12:00	Room 1	S0057
Reggente, Nicco	1. author	A-0873	21 July 2016	11:30	Aula	P3
Reggev, Niv	1. author	A-0706	21 July 2016	15:30	Room 8	I123
Reinitz, Mark Tippens	1. author	A-0001	22 July 2016	12:00	Room 5	I162
Rendell, Peter	1. author	A-0238	19 July 2016	13:00	Room 3	S0027
Rensen, Yvonne C.M.	1. author	A-0917	19 July 2016	15:30	Room 4	S0060
Ribeiro, Fabiana Silva	1. author	A-0719	19 July 2016	11:30	Aula	P2
Richman, Mara J.	1. author	A-0924	20 July 2016	9:30	Room 7	I143
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Richter, Franziska R.	1. author	A-0982	19 July 2016	9:30	Room 1	S0059
Riegel, Monika	1. author	A-0280	18 July 2016	15:30	Room 7	I141
Riegel, Monika	1. author	A-0281	18 July 2016	15:30	Room 7	I141
Rissman, Jesse	1. author	A-1005	18 July 2016	9:30	Room 1	S0029
Rissman, Jesse	Chair	-	18 July 2016	9:30	Room 1	S0029
Ritchey, Maureen	1. author	A-0742	18 July 2016	9:30	Room 1	S0029
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Robin, Jessica	1. author	A-0567	21 July 2016	13:00	Room 3	I151
Robins, Sarah	1. author	A-0166	19 July 2016	9:30	Room 7	S0017
Roe, Daisy	1. author	A-0699	19 July 2016	11:30	Aula	P2
Roediger, Henry L.	1. author	A-0221	20 July 2016	9:30	Room 1	S0151
Roediger, Henry L.	1. author	A-0260	18 July 2016	13:00	Room 3	S0022
Roediger, Henry L.	1. author	A-1010	18 July 2016	17:40	Room 1	K3
Rogalski, Emily J	1. author	A-0279	18 July 2016	13:00	Room 3	S0022
Roodenrys, Steven	1. author	A-0585	19 July 2016	11:30	Aula	P2
Rose, Nathan S.	1. author	A-0593	21 July 2016	13:00	Room 3	I151
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Rosenbaum, R. Shayna	1. author	A-1058	20 July 2016	9:30	Room 5	S0032
Rosenthal, Clive R.	1. author	A-0590	19 July 2016	11:30	Aula	P2
Rosner, Tamara	1. author	A-0954	18 July 2016	15:30	Room 6	I072
Rothen, Nicolas	1. author	A-0985	20 July 2016	12:00	Room 5	S0058
Rothen, Nicolas	Chair	-	20 July 2016	12:00	Room 5	S0058
Rubinova, Eva	1. author	A-0603	20 July 2016	9:30	Room 2	I012
Ruch, Simon	1. author	A-0514	19 July 2016	11:30	Aula	P2
Rugg, Michael	1. author	A-1013	19 July 2016	9:30	Room 1	S0059
Rugg, Michael	Chair	-	18 July 2016	9:30	Room 1	S0029
Rugg, Michael	Discussant	A-0000	18 July 2016	9:30	Room 1	S0029
Rummel, Jan	1. author	A-0554	20 July 2016	9:30	Room 3	S0045
Rummer, Ralf	1. author	A-0417	20 July 2016	9:30	Room 2	I012
Runge, Nichole	1. author	A-0140	18 July 2016	11:30	Aula	P1
Rutherford, A.	1. author	A-0137	19 July 2016	9:30	Room 4	S0003
Ryan, Jennifer	Chair	-	22 July 2016	9:30	Room 1	I152
Ryan, Jennifer D.	1. author	A-0312	19 July 2016	15:30	Room 3	S0031
Sabia, Matthew	1. author	A-0658	20 July 2016	12:00	Room 8	I082
Sabou, Alexandra	1. author	A-0864	21 July 2016	11:30	Aula	P3
Sadeh, Talya	1. author	A-0723	21 July 2016	9:30	Room 4	I013
Sadeh, Talya	1. author	A-0725	21 July 2016	11:30	Aula	P3
Sadeh, Talya	Chair	-	21 July 2016	9:30	Room 4	I013
Sahakyan, Lili	1. author	A-0103	18 July 2016	15:30	Room 1	S0011
Sahakyan, Lili	1. author	A-0816	19 July 2016	15:30	Room 1	S0038
Saive, Anne-Lise	1. author	A-0234	21 July 2016	13:00	Room 1	I121
Sakhon, Stella	1. author	A-0215	21 July 2016	9:30	Room 7	I061
Sakuta, Yuiko	1. author	A-0606	18 July 2016	11:30	Aula	P1
Sala, Giovanni	1. author	A-0557	22 July 2016	12:00	Room 5	I162
Salgado, Sinué	1. author	A-0265	18 July 2016	11:30	Aula	P1
Salmon, Karen	1. author	A-0359	19 July 2016	13:00	Room 7	S0033
Sander, Myriam C.	1. author	A-0196	21 July 2016	15:30	Room 4	S0016
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Sarku, Emmanuel	1. author	A-0916	21 July 2016	11:30	Aula	P3
Sauseng, Paul	1. author	A-0263	21 July 2016	15:30	Room 4	S0016
Sauseng, Paul	1. author	A-0494	20 July 2016	12:00	Room 3	S0020
Savage, Greg	1. author	A-0701	22 July 2016	12:00	Room 2	S0051
Savic, Branislav	1. author	A-0876	19 July 2016	13:00	Room 8	I124
Schacter, Daniel	Discussant	A-0000	18 July 2016	15:30	Room 1	S0011
Schacter, Daniel	Discussant	A-0000	21 July 2016	13:00	Room 6	S0040
Schacter, Daniel L.	1. author	A-1012	17 July 2016	17:15	Room 1	K1
Schacter, Daniel L.	Discussant	A-0000	21 July 2016	9:30	Room 3	S0048
Schaper, Marie Luisa	1. author	A-0485	19 July 2016	11:30	Aula	P2
Scherman, Alejandra Zaragoza	1. author	A-0909	18 July 2016	11:30	Aula	P1
Schmitz, Taylor	1. author	A-0100	18 July 2016	15:30	Room 1	S0011
Schmitz, Taylor	Chair	-	18 July 2016	15:30	Room 1	S0011
Schneider, Else	1. author	A-0800	21 July 2016	11:30	Aula	P3
Schnitzspahn, Katharina	1. author	A-0555	20 July 2016	9:30	Room 3	S0045
Schönauer, Monika	1. author	A-1028	21 July 2016	13:00	Room 2	S0021
Schönauer, Monika	Chair	-	21 July 2016	13:00	Room 2	S0021
Schönfeld, Sabine	1. author	A-0868	21 July 2016	15:30	Room 6	S0050
Schreiner, Thomas	1. author	A-0079	20 July 2016	9:30	Room 8	S0008
Schreiner, Thomas	Chair	-	20 July 2016	9:30	Room 8	S0008
Schröder, Tobias Navarro	1. author	A-0077	21 July 2016	15:30	Room 3	S0009
Schröger, Erich	1. author	A-0284	18 July 2016	9:30	Room 7	S0001
Schuck, Nicolas	1. author	A-0045	18 July 2016	15:30	Room 8	S0006
Schultz, Heidrun	1. author	A-0627	18 July 2016	11:30	Aula	P1
Schwabe, Lars	1. author	A-1029	19 July 2016	13:00	Room 4	S0018
Schwabe, Lars	1. author	A-1030	21 July 2016	13:00	Room 2	S0021
Schwabe, Lars	1. author	A-1045	19 July 2016	15:30	Room 1	S0038
Schweppe, Judith	1. author	A-0509	20 July 2016	9:30	Room 2	I012
Scoboria, Alan	1. author	A-0146	20 July 2016	12:00	Room 6	S0013
Scully, Iona D.	1. author	A-0296	18 July 2016	9:30	Room 4	I011
Sebastian, Maria Victoria	1. author	A-0760	21 July 2016	13:00	Room 3	I151
Segobin, Shailendra	1. author	A-0629	22 July 2016	9:30	Room 1	I152
Selmeczy, Diana	1. author	A-0259	19 July 2016	13:00	Room 2	S0023
Shanker, S.	1. author	A-0676	21 July 2016	15:30	Room 7	I022
Sheaffer, Rona	1. author	A-0060	18 July 2016	11:30	Aula	P1
Sheldon, Signy	1. author	A-0030	18 July 2016	13:00	Room 2	I041
Shelton, Jill Talley	1. author	A-0734	21 July 2016	11:30	Aula	P3
Sheppard, Daniel P.	1. author	A-0551	20 July 2016	9:30	Room 3	S0045
Sheppard, Daniel P.	Chair	-	20 July 2016	9:30	Room 3	S0045
Shimul, Asheek Mohammad	1. author	A-0844	22 July 2016	9:30	Room 4	I132
Shimul, Asheek Mohammad	1. author	A-0848	21 July 2016	13:00	Room 4	I023
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Shing, Yee Lee	Chair	-	19 July 2016	15:30	Room 7	S0025
Shpektor, Anna	1. author	A-0838	21 July 2016	11:30	Aula	P3
Sievers, Carolin	1. author	A-0900	21 July 2016	9:30	Room 8	I083
Simner, Julia	1. author	A-0607	18 July 2016	13:00	Room 3	S0022
Simon, Jessica	1. author	A-0271	18 July 2016	11:30	Aula	P1
Simons, Jon	Chair	-	19 July 2016	9:30	Room 1	S0059
Simons, Jon S.	1. author	A-0974	19 July 2016	9:30	Room 1	S0059
Sivakumaran, Magali H.	1. author	A-0858	21 July 2016	9:30	Room 8	I083
Skinner, Rachel	1. author	A-0857	21 July 2016	11:30	Aula	P3
Smith, Amy Victoria	1. author	A-0087	18 July 2016	11:30	Aula	P1
Smith, David	Chair	-	21 July 2016	15:30	Room 8	I123
Smith, Laura	1. author	A-0834	21 July 2016	11:30	Aula	P3
Smith, Liz	1. author	A-0426	21 July 2016	9:30	Room 6	S0043
Sohrabi, Hamid R	1. author	A-0155	22 July 2016	12:00	Room 5	I162
Sohrabi, Hamid R	1. author	A-0156	21 July 2016	13:00	Room 3	I151
Somos, Eszter	1. author	A-0620	21 July 2016	15:30	Room 7	I022
Somos, Eszter	1. author	A-0869	19 July 2016	13:00	Room 1	I042
Sopp, Roxanne	1. author	A-0339	19 July 2016	11:30	Aula	P2
Souchay, Céline	1. author	A-0428	21 July 2016	9:30	Room 6	S0043
Spanò, Goffredina	1. author	A-0236	19 July 2016	9:30	Room 5	I031
Spiers, Hugo	1. author	A-0085	20 July 2016	9:30	Room 8	S0008
St. Jacques, Peggy L.	1. author	A-0469	19 July 2016	15:30	Room 1	S0038
St. Jacques, Peggy L.	1. author	A-1026	19 July 2016	9:30	Room 2	S0047
Staresina, Bernhard	1. author	A-0083	20 July 2016	9:30	Room 8	S0008
Staresina, Bernhard P.	1. author	A-0205	21 July 2016	15:30	Room 4	S0016
Staugaard, Søren R.	1. author	A-0439	19 July 2016	15:30	Room 5	S0042
Staugaard, Søren R.	Chair	-	19 July 2016	15:30	Room 5	S0042
Stawarczyk, David	1. author	A-0484	19 July 2016	11:30	Aula	P2
Stefanics, Gabor	1. author	A-0984	18 July 2016	9:30	Room 7	S0001
Steiger, Tineke K.	1. author	A-0853	21 July 2016	11:30	Aula	P3
Steindorf, Lena	1. author	A-0029	18 July 2016	11:30	Aula	P1
Stelzel, Christine	1. author	A-0988	20 July 2016	12:00	Room 5	S0058
Stenson, Anais F.	1. author	A-0946	20 July 2016	9:30	Room 7	I143
Stewart, Lauren	Discussant	A-0000	18 July 2016	13:00	Room 7	S0041
Stone, Charles B.	1. author	A-0224	20 July 2016	12:00	Room 1	S0152
Stone, Charles B.	1. author	A-0365	18 July 2016	13:00	Room 4	S0039
Strange, Bryan	Chair	-	19 July 2016	13:00	Room 4	S0018
Streb, Markus	1. author	A-0162	18 July 2016	11:30	Aula	P1
Studer-Luethi, Barbara	1. author	A-0961	19 July 2016	9:30	Room 3	I062
Sturm, Benjamin	1. author	A-0335	18 July 2016	11:30	Aula	P1
Sundqvist, Max Larsson	1. author	A-0626	18 July 2016	11:30	Aula	P1
Sungkhasettee, Victor W.	1. author	A-0688	19 July 2016	11:30	Aula	P2

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Suthana, Nanthia	1. author	A-0447	20 July 2016	9:30	Room 6	S0026
Sutton, John	1. author	A-0164	19 July 2016	9:30	Room 7	S0017
Sutton, John	1. author	A-0216	20 July 2016	9:30	Room 1	S0151
Sutton, John	Discussant	A-0000	18 July 2016	13:00	Room 4	S0039
Szegedi-Hallgató, Emese	1. author	A-0562	19 July 2016	11:30	Aula	P2
Szóllósi, Ágnes	1. author	A-0232	18 July 2016	11:30	Aula	P1
Taga, Tadashi	1. author	A-0529	19 July 2016	11:30	Aula	P2
Takács, Ádám	1. author	A-0632	18 July 2016	11:30	Aula	P1
Takahashi, Yoshifumi	1. author	A-0904	21 July 2016	11:30	Aula	P3
Takano, Keisuke	1. author	A-0877	21 July 2016	15:30	Room 6	S0050
Takarangi, Melanie	1. author	A-0966	22 July 2016	12:00	Room 1	S0057
Takeno, Masae	1. author	A-0636	18 July 2016	11:30	Aula	P1
Tanabe-Ishibashi, Azumi	1. author	A-0746	21 July 2016	11:30	Aula	P3
Tandoh, Katsuya	1. author	A-0752	21 July 2016	11:30	Aula	P3
Tang, Lingfei	1. author	A-0295	19 July 2016	13:00	Room 2	S0023
Tanguay, Annick	1. author	A-0945	19 July 2016	13:00	Room 1	I042
Tekin, Eylul	1. author	A-0668	19 July 2016	11:30	Aula	P2
Tempel, Tobias	1. author	A-0374	20 July 2016	9:30	Room 4	I021
Tempel, Tobias	1. author	A-0375	19 July 2016	11:30	Aula	P2
Thayer, Julian F.	1. author	A-0785	21 July 2016	9:30	Room 8	I083
Thomas, Ayanna K.	1. author	A-0563	20 July 2016	9:30	Room 2	I012
Thompson, Claire L.	1. author	A-0242	19 July 2016	13:00	Room 3	S0027
Thompson-Schill, Sharon L.	Chair	-	18 July 2016	9:30	Room 8	S0005
Thompson-Schill, Sharon L.	Discussant	A-0000	18 July 2016	9:30	Room 8	S0005
Thomsen, Dorthe K.	1. author	A-1024	19 July 2016	9:30	Room 2	S0047
Thomsen, Dorthe K.	Chair	-	19 July 2016	9:30	Room 2	S0047
Thomsen, Dorthe Kirkegaard	1. author	A-0807	18 July 2016	15:30	Room 3	S0052
Thomsen, Dorthe Kirkegaard	Chair	-	18 July 2016	15:30	Room 3	S0052
Tian, Yingxue	1. author	A-0356	19 July 2016	11:30	Aula	P2
Tibon, Roni	1. author	A-0018	18 July 2016	11:30	Aula	P1
Todd, Juanita	1. author	A-0294	18 July 2016	9:30	Room 7	S0001
Todorov, Ivo	1. author	A-0644	18 July 2016	11:30	Aula	P1
Toffalini, Enrico	1. author	A-0763	19 July 2016	11:30	Aula	P2
Toglia, Michael P.	1. author	A-0570	19 July 2016	11:30	Aula	P2
Topcu, Meymune	1. author	A-0227	20 July 2016	12:00	Room 1	S0152
Torok, Agoston	1. author	A-0618	18 July 2016	11:30	Aula	P1
Tóth, Brigitta	1. author	A-0646	18 July 2016	11:30	Aula	P1
Török, Balázs	1. author	A-0860	21 July 2016	11:30	Aula	P3
Török, Csenge	1. author	A-0619	18 July 2016	11:30	Aula	P1
Trelle, Alexandra N	1. author	A-0650	19 July 2016	11:30	Aula	P2
Trelle, Ali	1. author	A-0682	19 July 2016	15:30	Room 7	S0025
Trimborn, Anna-B.C.	1. author	A-0511	19 July 2016	11:30	Aula	P2
Tsujimura, Hikaru	1. author	A-0568	19 July 2016	11:30	Aula	P2

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Turkileri, Nilgun	1. author	A-0249	18 July 2016	11:30	Aula	P1
Ulatowska, Joanna	1. author	A-0659	19 July 2016	11:30	Aula	P2
Ulatowska, Joanna	1. author	A-0678	22 July 2016	9:30	Room 1	I152
Ullman, Michael	1. author	A-0419	19 July 2016	13:00	Room 6	S0028
Umanath, Sharda	1. author	A-0180	18 July 2016	11:30	Aula	P1
Uner, Oyku	1. author	A-0667	19 July 2016	11:30	Aula	P2
Uribe, Jorge Antonio Villanueva	1. author	A-0150	18 July 2016	13:00	Room 8	I051
Urquhart, J. A.	1. author	A-0765	18 July 2016	15:30	Room 6	I072
Urquhart, Josephine A.	1. author	A-0482	21 July 2016	9:30	Room 3	S0048
Vakil, Eli	1. author	A-0163	21 July 2016	13:00	Room 8	I111
Vakil, Eli	1. author	A-1055	21 July 2016	15:30	Room 5	S0034
Valle, Tania	1. author	A-0903	21 July 2016	11:30	Aula	P3
Valt, Christian	1. author	A-0595	19 July 2016	11:30	Aula	P2
van den Broek, Gesa	1. author	A-0794	21 July 2016	11:30	Aula	P3
van der Hagen, Aurélie	1. author	A-0223	20 July 2016	12:00	Room 1	S0152
van Golde, Celine	1. author	A-0695	22 July 2016	9:30	Room 1	I152
van Kesteren, Marlieke	1. author	A-1046	21 July 2016	13:00	Room 2	S0021
van Schie, Kevin	1. author	A-0273	18 July 2016	9:30	Room 4	I011
Vannucci, Manila	1. author	A-0330	21 July 2016	13:00	Room 6	S0040
Vanootighem, Valentine	1. author	A-0899	21 July 2016	11:30	Aula	P3
Varma, Samarth	1. author	A-0625	18 July 2016	11:30	Aula	P1
Ventura-Bort, Carlos	1. author	A-0616	18 July 2016	11:30	Aula	P1
Vermeulen, Mirjam	1. author	A-0879	21 July 2016	15:30	Room 6	S0050
Vermeulen, Mirjam	Chair	-	21 July 2016	15:30	Room 6	S0050
Vieweg, Paula	1. author	A-0420	19 July 2016	11:30	Aula	P2
Vikbladh, Oliver	1. author	A-0040	18 July 2016	15:30	Room 8	S0006
Viswanathan, Jayalakshmi	1. author	A-0605	19 July 2016	15:30	Room 8	I122
Vogelsang, David A.	1. author	A-0395	19 July 2016	11:30	Aula	P2
Waldhauser, Gerd	1. author	A-0105	18 July 2016	15:30	Room 1	S0011
Walser, Moritz	1. author	A-0315	18 July 2016	11:30	Aula	P1
Walser, Moritz	1. author	A-0337	18 July 2016	11:30	Aula	P1
Wammes, Jeffrey D.	1. author	A-0348	19 July 2016	11:30	Aula	P2
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Wang, Danying	1. author	A-0753	21 July 2016	11:30	Aula	P3
Wang, Jianqin	1. author	A-0143	20 July 2016	12:00	Room 6	S0013
Wang, Pengyun	1. author	A-1077	21 July 2016	11:30	Aula	P3
Wang, Qi	1. author	A-0822	20 July 2016	12:00	Room 7	S0054
Wang, Qi	1. author	A-1022	19 July 2016	9:30	Room 2	S0047
Wang, Qi	Chair	-	20 July 2016	12:00	Room 7	S0054
Wang, Shinmin	1. author	A-0132	18 July 2016	13:00	Room 5	I081
Wang, Yingying	1. author	A-0338	20 July 2016	9:30	Room 4	I021
Wantz, Andrea L.	1. author	A-0409	19 July 2016	11:30	Aula	P2
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Ward, Geoff	1. author	A-0975	21 July 2016	9:30	Room 5	S0056
Ward, Geoff	Chair	-	21 July 2016	9:30	Room 5	S0056
Ward, Jamie	1. author	A-0599	18 July 2016	13:00	Room 3	S0022
Waroquier, Laurent	1. author	A-0322	22 July 2016	9:30	Room 5	I161
Wastling, Rose	1. author	A-0214	18 July 2016	11:30	Aula	P1
Waterman, Amanda	1. author	A-0798	18 July 2016	15:30	Room 2	S0053
Waterman, Amanda	Chair	-	18 July 2016	15:30	Room 2	S0053
Watson, Lynn A.	1. author	A-0438	19 July 2016	15:30	Room 5	S0042
Watson, Lynn A.	Chair	-	19 July 2016	15:30	Room 5	S0042
Weinstein, Yana	1. author	A-0663	18 July 2016	9:30	Room 4	I011
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Werkle-Bergner, Markus	Chair	-	21 July 2016	15:30	Room 4	S0016
Wessel, Ineke	1. author	A-0651	19 July 2016	11:30	Aula	P2
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Wessel, Ineke	1. author	A-0825	20 July 2016	12:00	Room 7	S0054
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Westphal, Andrew J.	1. author	A-0932	21 July 2016	11:30	Aula	P3
Wetmore, Stacy A.	1. author	A-0092	18 July 2016	13:00	Room 6	S0007
Weymar, Mathias	1. author	A-0670	19 July 2016	11:30	Aula	P2
Wheeler, Rebecca	1. author	A-0969	22 July 2016	12:00	Room 1	S0057
Wiegand, Iris	1. author	A-0491	20 July 2016	12:00	Room 3	S0020
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Wiklund-Hörnqvist, Carola	1. author	A-0635	18 July 2016	11:30	Aula	P1
Wilkinson, Samantha	1. author	A-0006	18 July 2016	11:30	Aula	P1
Williams, Helen L.	1. author	A-0302	18 July 2016	15:30	Room 6	I072
Williams, Helen L.	Chair	-	18 July 2016	15:30	Room 6	I072
Williams, Nikolas S.	1. author	A-1075	21 July 2016	11:30	Aula	P3
Wimber, Maria	1. author	A-0127	20 July 2016	12:00	Room 2	S0014
Wimber, Maria	Chair	-	20 July 2016	12:00	Room 2	S0014
Wimmer, Marina	1. author	A-0503	18 July 2016	9:30	Room 2	I071
Wimmer, Marina	1. author	A-0504	19 July 2016	9:30	Room 3	I062
Windel, Fabienne	1. author	A-0516	19 July 2016	11:30	Aula	P2
Winkler, István	Chair	-	18 July 2016	9:30	Room 7	S0001
Wirth, Michael	1. author	A-0256	18 July 2016	11:30	Aula	P1
Wirz, Lisa	1. author	A-0818	21 July 2016	11:30	Aula	P3
Wolf, Tabea	1. author	A-0151	18 July 2016	11:30	Aula	P1
Woodman, Geoffrey F.	1. author	A-0526	20 July 2016	12:00	Room 8	I082
Woodman, Geoffrey F.	Chair	-	20 July 2016	12:00	Room 8	I082
Woy, Amy	1. author	A-1000	18 July 2016	9:30	Room 5	S0062
Wynn, Syanah	1. author	A-0123	18 July 2016	11:30	Aula	P1
Yamada, Yohei	1. author	A-0791	21 July 2016	11:30	Aula	P3
Yamashiro, Jeremy	1. author	A-0884	21 July 2016	11:30	Aula	P3
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Yang, Tian-xiao	1. author	A-0552	20 July 2016	9:30	Room 3	S0045
Yebra, M.	1. author	A-0789	21 July 2016	13:00	Room 8	I111
Yim, Hyungwook	1. author	A-0125	21 July 2016	13:00	Room 7	S0012
Yonelinas, Andrew	1. author	A-1060	20 July 2016	14:25	Room 1	K7
Yonelinas, Andrew P.	1. author	A-0303	19 July 2016	15:30	Room 3	S0031
Zacks, Jeffrey M.	1. author	A-1072	19 July 2016	8:30	Room 1	K4
Zavec, Zsófia	1. author	A-0639	18 July 2016	11:30	Aula	P1
Zawadzka, Katarzyna	1. author	A-0673	22 July 2016	9:30	Room 3	I142
Zeidler, Laura	1. author	A-0377	18 July 2016	9:30	Room 4	I011
Zeithamova, Dasa	1. author	A-0727	21 July 2016	15:30	Room 8	I123
Zeithamova, Dasa	1. author	A-0902	21 July 2016	9:30	Room 8	I083
Zhang, Hui	1. author	A-0474	19 July 2016	11:30	Aula	P2
Zhu, Zijian	1. author	A-0527	20 July 2016	9:30	Room 2	I012
Zimmer, Hubert D.	Chair	-	20 July 2016	12:00	Room 3	S0020
Zimprich, Daniel	1. author	A-0192	21 July 2016	13:00	Room 5	S0019
Zinke, Katharina	1. author	A-0845	19 July 2016	9:30	Room 5	I031
Züst, Marc Alain	1. author	A-0459	19 July 2016	11:30	Aula	P2

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EXHIBITORS





ICOM-6
6th International Conference on Memory
17-22 JULY 2016
Budapest , Hungary

