

**Memory Disorders Research Society
2010 Annual Meeting
October 14-16
Evanston, Hilton Orrington Hotel, Hinman Auditorium**

Program

Thursday, October 14

Breakfast	8:00 - 8:30	Lobby outside Hinman Auditorium
Symposium:	A new chapter in the consolidation story: Consolidation is advanced when declarative memories are accessed during sleep (Organizer: Ken Paller)	
	8:30 - 8:45	Ken Paller , Northwestern <i>Conference announcements and A short introduction on memory consolidation and sleep</i>
	8:45 - 9:10	Atsuko Takashima , Donders Institute <i>Changes in functional connectivity during post-learning sleep and its effect on memory</i>
	9:10 - 9:35	Jan Born, Lübeck <i>Slow-wave sleep orchestrating system consolidation</i> Carmen Westerberg , Northwestern <i>Sleep and memory consolidation in patients with amnesic Mild Cognitive Impairment</i>
	9:35 - 10:00	Matt Walker , UC Berkeley <i>To sleep, perchance to remodel the brain and modulate memory</i>
	10:00 - 10:30	Discussion
Break	10:30 - 11:00	
Open Papers	11:00 - 11:20	Elizabeth Chua , UC Davis Cermak Award Winner <i>When to trust confidence: Eye movement insights into the basis for subjective recognition judgments</i>
	11:20 - 11:35	Lila Davachi , NYU <i>Event segmentation influencing the organization of LTM</i>
	11:35 - 11:50	Eleanor Maguire , UCL <i>Memory, imagination and scene construction: Further evidence from hippocampal-damaged patients</i>
Lunch	11:50 - 1:30	

Symposium:	Neuronal oscillations and memory (Organizer: Brad Postle)	
	1:30 - 1:52	Neil Burgess , UCL <i>Oscillatory mechanisms of hippocampal neuronal firing and theta</i>
	1:52 - 2:14	Emrah Düzel , UCL <i>Associative recognition memory: Decoding the replay of encoding context on the basis of oscillatory brain responses</i>
	2:14 - 2:36	Charan Ranganath , UC Davis <i>Making Waves, making memories: Influences of oscillatory activity on encoding, retrieval and active maintenance</i>
	2:36 - 2:58	Brad Postle , Wisconsin <i>Stimulus-specific oscillatory frequencies in working memory, and their putative roles in attention, inhibition, and binding</i>
	3:00 - 3:30	Discussion
Break	3:30 - 4:00	Walk to campus (see map provided for suggested route)
Special Session	4:15 - 6:00	<i>Debate on Memory Consolidation</i> McCormick Tribune Center Forum Neal Cohen , Illinois Morris Moscovitch , Toronto
Reception	6:00 - 6:30	McCormick Tribune Center
Banquet	7:00 -	The Stained Glass Bistro, 1735 Benson Avenue, Evanston

Friday, October 15

Breakfast 8:30 - 9:00 Lobby outside Hinman Auditorium

Symposium: **Neural representation of context in episodic memory**
(Organizer: Charan Ranganath)

9:00 - 9:05 **Charan Ranganath**, UC Davis
Introduction

9:05 - 9:26 **Howard Eichenbaum**, Boston U
Hippocampal networks represent events within a framework of spatial and temporal context

	9:26 - 9:47	Arne Ekstrom , UC Davis <i>Spatial context in the context of spatial navigation</i>
	9:47 - 10:08	Mike Kahana , Penn <i>Context and episodic memory</i>
	10:08 - 10:29	Lynn Nadel , Arizona <i>Context-dependent memory updating</i>
	10:30 - 11:00	Discussion
Break	11:00 - 11:30	
Open Papers on cognitive control	11:30 - 11:45	Michael Anderson , CBU Cambridge <i>Hippocampal modulation as a mechanism of memory control</i>
	11:45 - 12:00	Mark D'Esposito , UC Berkeley <i>Using resting state intrinsic connectivity networks to investigate memory function and cognitive control</i>
	12:00 - 12:15	David Schnyer , UT Austin <i>Genetic influences on cognitive control: Implications for memory</i>
Lunch	12:15 - 1:45	
Symposium:	When Stroop and Ebbinghaus meet: The dynamic interaction of cognitive control and memory retrieval (Organizers: Ian Dobbins and David Badre)	
	1:45 - 2:05	Todd Braver , Wash U <i>Dual mechanisms of control: Implications for working memory, episodic memory & prospective memory</i>
	2:05 - 2:25	Elisa Ciaramelli , Università di Bologna Cermak Award Winner <i>Top-down and bottom-up Attention-to-Memory (AtoM): Role of the posterior parietal cortex</i>
	2:25 - 2:45	Dima Amso , Brown <i>The development of learning from multiple sources: Salience, prediction, and cognitive flexibility</i>
	2:45 - 3:05	Ian Dobbins , Wash U <i>Anticipated versus unexpected recognition experiences: Retrieval as a check on automaticity</i>
	3:05 - 3:25	David Badre , Brown <i>Strategic retrieval: Acquisition, application, and violation of expectation during retrieval</i>
	3:25 - 3:55	Discussion

Break	3:55 - 4:25	
Data Blitz with drinks and refreshments	4:25 - end	88 min (11 x 8 min) Craig Stark, Gianfranco Dalla Barba, Jeff Zacks, Kevin LaBar, Andy Yonelinas, Tim Rogers, Morgan Barense, Ken Paller, Neal Cohen, Yadin Dudai, Andrew Budson,

Saturday, October 16

Breakfast	8:30 - 9:00	Lobby outside Hinman Auditorium
Open Papers	9:00 - 9:15	Rik Henson , CBU Cambridge <i>Masked conceptual primes increase recollection? The coming and going of masked priming of recognition test cues</i>
	9:15 - 9:30	Paul Reber , Northwestern <i>Learning about learning using video games</i>
	9:30 - 9:45	Kelly Giovanello , UNC <i>Functional-anatomic correlates of relational memory in normal aging and amnesic MCI</i>
	9:45 - 10:00	Steve Grossberg , Boston U <i>Modeling the hippocampus as a cognitive map</i>
	10:00 - 10:15	Nicky Clayton , Cambridge <i>Memories of tomorrow: From food-caching to menus</i>
Break	10:15 - 10:45	
Data Blitz	10:45 - 12:00	72 min (9 x 8 min) Jennifer Ryan, Alison Preston, Jon Simons, Ken Norman, Daniela Montaldi, Stefan Kohler, Chad Marsolek, Mark McDaniel, Lisa Saksida
Business Meeting	12:00	
Adjourn		

(On Saturday afternoon some may wish to visit downtown Chicago.)

Data Blitz Titles

Craig Stark	High resolution DTI imaging of the perforant path's degradation with age
Gianfranco Dalla Barba	Temporal consciousness and confabulation: Is the medial temporal lobe "Temporal"?
Jeff Zacks	Everyday clairvoyance
Kevin LaBar	Mechanisms of generalized fear learning
Andy Yonelinas	Stress and recognition memory
Tim Rogers	Semantic memory impairment disrupts perception, memory, and naming of primary but not secondary colors
Morgan Barense	Interactions of memory and perception in amnesia: The figure-ground perspective
Ken Paller	Sometimes a guess is not just a guess
Neal Cohen	Great to be here. Where am I?
Yadin Dudai	Observing systems consolidation in the human brain
Andrew Budson	Understanding memorial response bias in normal and impaired memory
Jennifer Ryan	Differential influences of emotion on memory
Alison Preston	Flexible memory: Reactivation of prior experience supports integration of overlapping memories
Jon Simons	Parietal lobes and memory
Ken Norman	Moderate memory activation leads to forgetting in the think-no think paradigm
Daniela Montaldi	Two complementary systems are used for making novelty and familiarity decisions
Stefan Kohler	When a name rings a bell: Availability of semantic knowledge in 'familiarity-only' experiences
Chad Marsolek	Antipriming followed by accelerated learning across cognitive control tasks
Mark McDaniel	Prospective memory in normal older adults and very mild AD adults
Lisa Saksida	Genetic or pharmacological attenuation of perineuronal nets enhances object recognition memory