

MDRS SCHEDULE Clare College, Cambridge 2007

Wednesday Sept 5

**6:00 PM – 8:00 PM Drinks Reception, Scholars Garden (NOT Fellows Garden)
(weather-permitting; JCR otherwise)**

8:00 PM – 11.00 PM College Bar open (and at least one local organiser present)

[Note that reception will include drinks and canapes, which are included in the registration fee, but not dinner (given the range of arrival times). So delegates may want to make their own arrangements for dinner, before returning to the College Bar]

Contact: Rik Henson +44 794 1377 345 (mobile)

Thursday Sept 6

8:00 – 8:30 **Breakfast, in Buttery (for those staying in College)**

8:30 – 8:45 **WELCOME AND OPENING ANNOUNCEMENTS**

8:45 – 10:30 **SYMPOSIUM 1: Predictions, prediction errors and medial temporal lobe memory processes**

Organiser: Emrah Duzel & Paul Fletcher

1. Nico Bunzeck : *Novelty processing: relationship to reward processing and modulation by predictions and prediction errors*
2. Mark Gluck : *Prediction errors, novelty, and hippocampal function in category learning: computational and clinical perspectives*
3. Dharshan Kumaran : *Prediction error signals in the Hippocampus during the processing of novel sequential information*
4. Paul Fletcher : *Learning from prediction errors*

10:30 – 11:00 **Tea/Coffee & biscuits, in Great Hall**

11:00 – 1:00 **SYMPOSIUM 2: Semantic learning in amnesia revisited**

Organizer: Faraneh Vargha-Khadem

Introduction: Mortimer Mishkin

1. Faraneh Vargha-Khadem, Jenny Limond, Emma Belton, & Mortimer Mishkin : *New semantic learning in developmental amnesia*
2. Mike Kopelman & John Morton : *Amnesia in an actor: New semantic learning and autobiographical memory*
3. Neal Cohen : *New Semantic Learning in Amnesia? Harder and Rarer than Advertised*
4. Barbara Wilson, Kim Graham, Bonnie-Kate Dewar & Karalyn Patterson : *Relearning of factual knowledge in amnesia and semantic dementia: Similarities and differences*
5. Melissa Duff : *Enriched environments for semantic learning in amnesia: Implications for research and rehabilitation*

1:00 – 2:00 **Lunch in Great Hall**

2:00 – 2:50 **CERMAK TRAVEL AWARD TALKS**

1. Indre Viskontas : *Mapping memory formation in the medial temporal lobe: Evidence from single-unit recordings in humans*
2. Deborah Hannula : *Neural Correlates of Relational Memory as Expressed in Indirect Eye Movement Measures and Direct Measures of Behavioral Performance*

2.50 – 3.30 SINGLE CASE STUDY SESSION

1. Brian Levine : *Episodic autobiographical amnesia in a healthy person*
2. Eleanor Maguire & Mike Kopelman : *A longitudinal fMRI study of memory decline in semantic dementia*

3.30 – 4:00 Tea/Coffee & biscuits, in Great Hall

4:00 – 6:00 SYMPOSIUM 3: Insights from memory studies into the basic cognitive functions of anterior PFC

Organizers: Todd Braver & Jon Simons

1. Todd Braver : *Integration: The core function of anterior PFC?*
2. Jon Simons : *Evidence from source recollection of functional distinctions within anterior PFC*
3. Silvia Bunge : *Relational processing in anterior prefrontal cortex*
4. Paul Burgess : *The cognitive and neuroanatomical basis of prospective memory disorders*

6:00 – 7:00 BUSINESS MEETING

Next year's meeting, Cermak Travel Awards, AOB

7:00 ... *Your chance to explore the culinary delights that Cambridge has to offer! (Suggestions can be provided)*

Friday Sept 7

8:00 – 8:30 Breakfast, in Buttery (for those staying in College)

8:30 – 10:30 SYMPOSIUM 4: What the heck is "priming"?

Organizers: Rik Henson, David Schnyer, Wilma Koutstaal

1. Rik Henson : *Surely it's not all response learning?*
2. David Schnyer : *It's a race! Does efficient decision making or perceptual modification underlie priming?*
3. Wilma Koutstaal : *What's to be learned? Abstraction, specificity and flexibility in priming*
4. Gordon Logan : *Memory and the control of thought and action: Priming of task sets*
5. Chad Marsolek : *What antipriming reveals about priming*

10:30 – 11:00 Tea/Coffee & biscuits, in Great Hall

11:00 – 1.00 DATA BLITZ

1. Morris Moscovitch & Signy Sheldon : *Recollection in the service of problem solving*
2. Stefan Kohler : *Impaired familiarity with preserved recollection following anterior temporal-lobe resection that spares the hippocampus*
3. Rebecca L. Gómez, Almut Hupbach, Richard R. Bootzin, & Lynn Nadel : *The contribution of naps to infant learning and memory consolidation*
4. Ian Dobbins : *Self-Initiated Retrieval Strategies and Left Lateral PFC*
5. Charan Ranganath : *Electrophysiological correlates of novelty and memory encoding in the human hippocampus and ventral striatum*
6. Elizabeth Kensinger : *Remembering the Details of Emotional Information*
7. Russ Poldrack : *Distinguishing category versus response learning using a reversal paradigm*
8. Brian Levine: *ECT and memory*

1:00 – 2:00 Lunch in Great Hall

2:00 – 3:30 OPEN PAPER SESSION

1. Morris Moscovitch, Gordon Winocur & Paul Frankland. *Memory transformation and contextual reinstatement in rats: A new take on consolidation and re-consolidation*
2. Mark D'Esposito : *Neurochemical modulation of memory systems*
3. Ken Norman : *Tracking the dynamics of top-down control and bottom-up recollection in source memory tasks.*
4. Deanna Barch : *Interaction of encoding and retrieval processes in memory function in schizophrenia*

3:30 – 4:00 Tea/Coffee & biscuits, in Great Hall

4:00 – 6:00 SYMPOSIUM 5: Reconsolidation: A window into the (in)stability of memories

Organisers: Lynn Nadel & Yadin Dudai

1. Lynn Nadel & Rebecca Gomez : *Reconsolidation in human episodic memory*
2. Yadin Dudai : *Erasure of long-term memory in cortex: The trace is (always?) labile*
3. Susan Sara : *Memory consolidation off-line : Cortical spindles, hippocampal ripples and locus coeruleus activity during post-learning sleep*
4. Karim Nader : *Treating PTSD patients by targeting reconsolidation of their traumatic memories: Have we crossed into a new frontier of psychotherapy?*

6:00 – 7:00 SPECIAL INVITED PRESENTATION
Nicky Clayton, Cambridge University, UK
What Do Birds Know About Other Minds and Other Times?

7.30-... CONFERENCE DINNER IN GREAT HALL

