Memory Disorders Research Society

2011 Annual Meeting

Barcelona (Spain)

Final Program

Tuesday 13 September

14:00 – 14:15  Welcome

14:15 – 16:30  Symposium – Those were the days, my friend, we thought they’d never end: Reminiscing on old memory research

1.) Late 19th Century and Early 20th Century Memory Studies: Foundations
   Hans Markowitsch

2.) Ebbinghaus and Bartlett: Content and Process in Memory Research
   Morris Moscovitch

3.) The Emergence of 2 Discontinuities: STM-SM [with two short videos, one of an original STM case (JB) and the other of an original semantic case (EM)]
   Elizabeth Warrington

4.) Multiple Memory Systems and their Evolution in the 1960s and 1970s
   Lynn Nadel

5.) Retrograde amnesia: the seeds of continuing controversies
   Michael Kopelman

6.) Surface and Depth Electrode Studies of Verbal Memory in the 70s and 80s: Fractionation of Memory Stores
   Harry Whitaker and Barry Gordon

16:30 – 17:00  Break
17:00 – 19:00  **Paper Session** – Hippocampus

1.) *Degree of hippocampal damage and memory impairment after neonatal exposure to hypoxia-ischaemia*  

2.) *Gene activation and memory encoding in neocortex during hippocampus-dependent learning*  

3.) *The role of hippocampus in realistic episodic memory: When does it start, when does it end?*  
   **Y. Dudai**, A. Ben-Yakov, O. Furman and A. Mendelsohn

4.) *Reward Anticipation Increases Hippocampal Sensitivity to and Memory for Expectancy Violations*  
   **R.A. Adcock**, V.P. Murty and I.C. Ballard

19:00 – 20:00  **Opening Reception** – NH Constanza

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**Wednesday 14 September**

08:30 – 10:30  **Symposium** - *Memory and Cognitive Dysfunction in Parkinsons Disease*

1) *Multiple memory systems contribute to feedback-based learning: Converging evidence from patients and fMRI*  
   **Daphna Shohamy**

2) *Heterogeneity of cognitive deficits in PD: The dual syndrome hypothesis*  
   **Trevor Robbins**

3) *Learning from reward vs. punishment in PD: The significance of asymmetric dopamine loss*  
   **Rachel Tomer**

4) *Learning and Transfer Generalization Deficits in Parkinson’s Disease and Depression*  
   **Mark Gluck**
10:30 – 11:00  Coffee Break

11:00 – 13:00  Symposium - Interactions between conscious and unconscious processes in episodic memory

1.) Unconscious episodic memories?
   Katharina Henke

2.) Dissociation of eye-movement-based memory effects and conscious report
   Deborah Hannula

3.) Interaction between conscious and nonconscious processes: Evidence from neuroimaging experiments
   Rajendra Badgaiyan

4.) Effects of priming on recollection
   Rik Henson

13:00 – 14:30  Lunch

14:30 - 15:30  Cermak Awards

Eve Attali Memory distortions: When over-learned information interferes with episodic memory retrieval

Andrea Greve Semantic knowledge and its influence on episodic memory

15:30 – 16:30  Data Blitz

1.) Dissociable performance for retention and new learning after selective retrosplenial cortex ablations in macaque monkeys
   Mark J. Buckley and A. Mitchell

2.) Music as a memory enhancer in patients with Alzheimer’s disease
   Andrew E. Budson, N. Simmons-Stern, R. G. Deason, and B.A. Ally

3.) More on the role of the hippocampus and binding
   Alan Baddeley
4.) *Dissociation between unawareness of manipulated memory success and failure and emotional response in patients with Alzheimer’s disease*

   **Robin Morris, D. Mograbi, and R. Brown**

16:30 – 17:00 **Coffee Break**

17:00 – 18:00 **Special Lecture** - Fernando Maestu (UPM)

   *Evaluating the Disconnection Hypothesis in the Early Diagnosis of Alzheimer’s Disease with MEG*

**Thursday 15 September**

08:30 – 10:30 **Symposium**- Understanding different forms of amnesia

1.) *Understanding different forms of Amnesia*
   **Karim Nader**

2.) *Forgetting fear*
   **Daniela Schiller**

3.) *The biological basis of everyday forgetting*
   **Oliver Hardt**

5.) **Mike Anderson**

10:30 – 11:00 **Coffee Break**

11:00 – 13:30 **Paper Session**

1.) *Effects of selective frontopolar lesions in macaque monkeys on behavioural tasks assessing mnemonic and executive function*
   **Mark J. Buckley, E. Boschin and Carinne Piekema**

2.) *Behavioural and neuroimaging studies of hippocampal-independent acquisitions of declarative memory*
   **Asaf Gilboa, T. Sharon, M. Merhav and A. Karni**

3.) *Cognitive Control, conceptual retrieval, and creativity*
   **Sharon L. Thompson-Schill and E. G. Chrysikou**
4.) *Neural signals revealing the organization of memory*
   **Sean M. Polyn**

5.) *Dissociation between unawareness of manipulated memory success and failure and emotional response in patients with Alzheimer’s disease*
   **Robin Morris, D. Mograbi, R. Brown**

13:30 – 15:00  **Lunch**

15:00 – 17:00  **Symposium** - Changes in MTL-PFC hippocampus contributions to memory over the lifespan

1.) *Developmental Differences in Hippocampal Contribution to Episodic Memory*
   **Simona Ghetti**

2.) *Monitoring the Temporal Context of Memories: Neural Mechanisms and Development*
   **Silvia Bunge**

3.) *Memory Encoding, Memory Performance and the Inferior Frontal Gyrus: Effects of Age*
   **Mick Rugg**

4.) *Influence of Aging on the Neuronal Correlates of Autobiographical, Episodic and Semantic Memory Retrieval*
   **Cheryl Grady, M. St. Laurent, H. Burianova and H. Abdi**

17:00 – 18:00  **Business Meeting**

21:00  **Conference Dinner** – *Restaurante La Barca Salamanca*