

# *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*  
**Faraneh Vargha-Khadem**, D. Gadian, A. Dzieciol, J. Cooper, S. Jentschke, M. Munoz, M. de Haan, T. Baldeweg and M. Mishkin
- 2.) *Gene activation and memory encoding in neocortex during hippocampus-dependent learning*  
**Richard G M Morris**, D. Tse, T. Tomonori, M. Kakayama, Y. Kajii, H. Okuno, C. Tohyama and H. Bito
- 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**

**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. Boschini 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*