

# International Neuropsychological Symposium 2018

Cassis, FRANCE

Tuesday, June 26 – Saturday, June 30

## Monday, June 25

**18.30 – 19.30:** Welcome drink at the Yacht Club by the port

## Tuesday, June 26

**Maison de l'Europe et de la Vie Associative, 4 rue Severin Icard, Cassis**

**08.50 – 09.00** Welcome – James Bisley

### **Topic 1. Multiple Systems for Spatial Perception and Action**

Organizers: Mickey Goldberg & Hans-Otto Karnath

**Tuesday Morning** – Topic 1 / Session 1 – Chair: Mickey Goldberg

**09.00 – 10.00** **Masud Husain** (University of Oxford, UK)

The role of the hippocampus in object-location binding in visual short-term memory

**10.00 – 11.00** **Cliff Kentros** (Norwegian University of Science and Technology, Norway)

Transgenic investigation of the neural circuitry of memory

**11.00 – 11.30** *Coffee break*

**11.30 – 12.30** **Beth Buffalo** (University of Washington, USA)

Bridging the gap between the spatial and mnemonic views of the hippocampus

**12.30 – 13.00** *General discussion & end of session*

**Tuesday Afternoon** – Topic 1 / Session 2 – Chair: Hans-Otto Karnath

**16.00 – 17.00** **Barry Richmond** (NIMH, USA)

Prefrontal and hippocampal contributions to object and spatial working memory in monkeys

**17.00 – 17.30** *Coffee break*

**17.30 – 18.30** **Marlene Behrmann** (Carnegie Mellon University, USA)

The large-scale organization of shape processing in the ventral and dorsal pathways

**18.30 – 19.30** **Suliann Ben Hamed** (CNRS, France)

The spatial and temporal dynamics of attention - real-time access to the attentional spotlight

**19.30 – 20.00** *General discussion & end of session*

## Wednesday, June 27

### Wednesday Morning – Topic 1 / Session 3 – Chair: TBD

**09.00 – 10.00** **Martin Rolfs** (Humboldt-Universität zu Berlin, Germany)

All is not lost: The role of intra-saccadic information in active vision

**10.00 – 11.00** **Mickey Goldberg** (Columbia University, USA)

Corollary discharge and oculomotor proprioception: two independent mechanisms for spatially accurate transsaccadic behavior

**11.00 – 11.30** **Group Photo and Coffee break**

**11.30 – 12.30** **Thomas Schenk** (Ludwig Maximilian University, Germany)

Distinct spatial representations for perception and action: lessons from a long scientific debate

**12.30 – 13.00** **General discussion & end of session.**

## Topic 2. Sleep Processing Capabilities and Waking Cognition

Organizers: Jan Born, Ken Paller & Philippe Peigneux

### Wednesday Afternoon – Topic 2 / Session 1 – Chair: Philippe Peigneux

**16.00 – 17.00** **Vlad Vyazovskiy** (University of Oxford, UK)

Sleep homeostasis: regulation of local cortical states and global states of vigilance

**17.00 – 17.30** **Coffee break**

**17.30 – 18.30** **Sara Mednick** (UC Irvine, USA)

Autonomic and central nervous system contributions to sleep-dependent memory consolidation

**18.30 – 19.30** **Jan Born** (Universität Tübingen, Germany)

Hippocampal contribution to sleep-dependent long-term memory formation

**19.30 – 20.00** **General discussion & end of session**

## Thursday, June 28

**Thursday Morning** – Topic 2 / Session 2 – Chair: Jan Born

**09.00 – 10.00 Björn Rasch** (Université de Fribourg, Switzerland)

Influencing sleep by cognition: The MemoSleep hypothesis

**10.00 – 11.00 Delphine Oudiette** (Institut du Cerveau et de la Moelle Epinière, France)

Elucidating the role of REM sleep (and dreams) in cognitive functions

**11.00 – 11.30 Coffee break**

**11.30 – 12.30 Philippe Peigneux** (Université Libre de Bruxelles, USA)

Sleep to the limits: boundary conditions for learning and consolidation during sleep

**12.30 – 13.00 General discussion & end of session**

**Thursday Afternoon** – Excursion: Boat trip to the Calanques

**14.45 Boarding time for a 15.00 departure (@ Cassis Harbour)**

The cruise will be approximately 1hr30 and will take us past 8 Calanques, including Port Miou, Port Pin, En Vau, Ole, Devenson, L'Oeil de Verre, Sugiton and Morgiou.



**Friday, June 29****Topic 3. Action in the “We Mode”: Cognitive Functions of the Motor System**

Organizers: Vittorio Gallese & Eraldo Paulesu

**Friday Morning** – Topic 3 / Session 1 – Chair: Vittorio Gallese

**09.00 – 10.00** **Stephen Butterfill** (University of Warwick, UK)

Cooperation and motor representation

**10.00 – 11.00** **Natalie Sebanz** (Central European University, Hungary)

The “we” in planning, coordinating, and perceiving joint actions

**11.00 – 11.30** *Coffee break*

**11.30 – 12.30** **Cristina Becchio** (Italian Institute of Technology & University of Turin, Italy)

From movement kinematics to intentions

**12.30 – 13.00** *General discussion & end of session*

**Friday Afternoon** – Topic 3 / Session 2 – Chair: TBD

**16.00 – 17.00** **Alexandra Battaglia-Mayer** (University of Rome - Sapienza, Italy)

Acting together: Parieto-frontal coding of joint-action in primates

**17.00 – 18.00** **Luigi Cattaneo** (University of Verona, Italy)

Mapping sensorimotor functions in the human premotor cortex

**18.00 – 18.30** *Coffee break*

**18.30 – 20.00** *Business meeting*

**Friday Evening** – Social Dinner and wine tasting at a local vineyard

**19.45 & 20.15** Transportation to the dinner on the “little train”. It will leave the town at 19.45 and again at 20.15 and will depart the vineyard at 22.45 and 23.15.

**Saturday, June 30**

**Saturday Morning** – Topic 3 / Session 3 – Chair: Eraldo Paulesu

**09.00 – 10.00 Vasu Reddy** (University of Portsmouth, UK)

Joining actions in infancy: Another look at its emergence

**10.00 – 11.00 Alessio Avenanti** (University of Bologna, Italy)

Grounding action perception in motor-to-visual reentrant connectivity

**11.00 – 11.30 Coffee break**

**11.30 – 12.30 Luciano Fadiga** (University of Ferrara, Italy)

Action and interaction

**12.30 – 13.00 General discussion & end of session**