

# International Neuropsychological Symposium 2025

Portoferraio, Italy

Monday, June 23 – Friday, June 27

**De Laugier Cultural Centre, Portoferraio**

## Monday, June 23

**15.50 – 16.00** Welcome – James Bisley

### **Topic 1. Inside versus outside: Signal integrations in building up body representations**

Organizers: Gabriella Bottini & Stephanie Clarke

**Monday Afternoon** – Topic 1 / Session 1 – Chair: Gabriella Bottini

**16.00 – 17.00** **Francesca Ferri** (University of Chieti-Pescara, Italy)

Inside out: Breathing as a neural and perceptual modulator

**17.00 – 17.30** *Coffee break*

**17.30 – 18.30** **Gerardo Salvato** (University of Pavia, Italy)

Shaping the self through thermosensory signals: from survival to awareness

**18.30 – 19.30** **Andrea Serino** (University of Lausanne, Switzerland)

Peripersonal space (PPS): a neural system mapping self-environment interaction “here and now”

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

**20.00** Welcome Reception at **Teatro Bistro** - Via del Carmine, 65

## Tuesday, June 24

**Tuesday Morning** – Topic 1 / Session 2 – Chair: Stephanie Clarke

**09.00 – 10.00** **David Glowacki** (CiTIUS, Spain)

Numadelic virtual reality: Reimagining the body and its boundaries

**10.00 – 11.00** **Beatrice De Gelder** (Maastricht University, NL)

Seeing the body from inside out

**11.00 – 11.30** *Coffee break*

**11.30 – 12.30** **Matej Hoffmann** (CTU, Czech Republic)

Building up body representations in infancy and in robots

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

## Topic 2.

**Tuesday Afternoon** – Topic 2 / Session 1 – Chair: Sarah Shomstein

**16.00 – 17.00** **Ana B. Chica** (University of Granada, Spain)

Revisiting the attention–consciousness relationship: definitions matter

**17.00 – 17.30** *Coffee break*

**17.30 – 18.30** **Matthew Rushworth** (University of Oxford, UK)

Building mental models for flexible behaviour in humans and macaques

**18.30 – 19.30** **Paola Binda** (University of Pisa, Italy)

Plasticity of the adult visual system: learning from (un)predictability

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

## Wednesday, June 25

**Wednesday Morning** – Topic 2 / Session 2 – Chair: Paolo Bartolomeo

**09.00 – 10.00** **Massimiliano Oliveri** (University of Palermo, Italy)

Exploring the connections between visuomotor adaptation and cognitive functions

**10.00 – 11.00** **Katharina von Kriegstein** (Dresden University of Technology, Germany)

Human auditory communication - from visual face areas to sensory thalamus

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

**11.30 – 12.30** **Brigitte Kaufmann** (LUKS University Teaching and Research Hospital, Switzerland)

Pathways to stroke recovery: Insights from white matter connectivity

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

## Topic 3. How much can be achieved during an intersaccadic interval?

Organizers: Ole Jensen & Floris de Lange

**Wednesday Afternoon** – Topic 3 / Session 1 – Chair: Ole Jensen

**16.00 – 17.00** **David Melcher** (New York University, Abu Dhabi)

Predicting what and when across the saccade: evidence from the extra-foveal preview effect

**17.00 – 17.30** *Coffee break*

- 17.30 – 18.30 Ayelet Landau** (University College London, UK & Hebrew University, Israel)  
Capturing the neural predictions of self-produced sensation
- 18.30 – 19.30 Tirin Moore** (Stanford University, USA)  
Changes in visual cortical representations around the time of saccades
- 19.30 – 20.00 General discussion & end of session**

## Thursday, June 26

### Thursday Morning – Topic 3 / Session 2 – Chair: Ayelet Landau

- 09.00 – 10.00 James Bisley** (UCLA, USA)  
Planning the next saccade: the contributions of parietal and prefrontal cortex
- 10.00 – 11.00 Eva Berlot** (Radboud University, NL)  
Seeing the bigger picture: Extracting visual and semantic salience from fixations
- 11.00 – 11.30 Coffee break**
- 11.30 – 12.30 Ole Jensen** (University of Oxford, UK)  
Human parafoveal processing during visual search and reading - and the coordination by alpha oscillations
- 12.30 – 13.00 General discussion & end of session**

### Thursday Afternoon – Excursion: Boat Trip

- 15.15** Bus from Portoferraio to Marina di Campo.
- 16.00** Departure from the Marina di Campo.
- 18.30** Return to the port in Marina di Campo. The bus will then return to Portoferraio

The boat will go along the southern coast. There should be a couple of stops on the way for those who want to swim.



## Topic 4. Neuromodulation of the healthy and pathological brain

Organizers: Luciano Fadiga & Bruno Rossion

### Friday, June 27

**Friday Morning** – Topic 4 / Session 1 – Chair: Bruno Rossion

**09.00 – 10.00** **Peter Janssen** (Katholieke Universiteit Leuven, Belgium)

Neural effects of noninvasive brain stimulation in nonhuman primates

**10.00 – 11.00** **Marcello Massimini** (Università di Milano Statale, Italy)

Slow waves and network interactions in sleep and brain injury: Insight from TMS and EEG

**11.00 – 11.30** *Coffee break*

**11.30 – 13.00** *Business meeting*

**Friday Afternoon** – Topic 4 / Session 2 – Chair: Luciano Fadiga

**16.00 – 17.00** **Friedhelm Christoph Hummel** (EPFL, Switzerland)

Non-invasive deep brain stimulation to enhance cognitive functions: Novel opportunities

**17.00 – 17.30** *Coffee break*

**17.30 – 18.30** **Giacomo Koch** (Università di Ferrara & Istituto Italiano di Tecnologia, Italy)

Personalized neuromodulation of the default mode network for treatment of Alzheimer's Disease: Foundations and next steps

**18.30 – 19.30** **Bruno Rossion** (Université de Lorraine, France)

Understanding human brain (re)cognition with intracerebral electrical stimulation

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

**Friday Evening** – Social Dinner

**20.45** Dinner at **Ristorante Maitù** - Strada Provinciale della Biodola, 31.