



## ACCADEMIA NAZIONALE DEI LINCEI

CENTRO LINCEO INTERDISCIPLINARE «BENIAMINO SEGRE»

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INTERNATIONAL CONFERENCE

### Mindful Connections

Social Interactions, Emotional Processing, and Inference in the Brain

10-11 OCTOBER 2023

Organizing Committee: Maria Concetta MORRONE (Lincea, University of Pisa), Davide ORSENIGO (University of Torino), Marco TAMIETTO (University of Torino and Tilburg, Fellow in Residence by the Centro Linceo)

#### PROGRAMME

##### **Tuesday, 10 October**

- 10.00 **Ciro CILIBERTO** (Linceo, Tor Vergata University): *Welcome speech*
- 10.15 **Marco TAMIETTO** (University of Torino and Tilburg, Fellow in Residence by the Centro Linceo): *Organizer's introduction*

##### **Session 1 - The Active Visual Brain**

- 10.20 **Wim VANDUFFEL** (KU Leven): *A novel view on the functional architecture of the primate neocortex*
- 10.40 **David BURR** (University of Firenze): *Serial dependence: evidence for prediction in perception*
- 11.00 **Maria Concetta MORRONE** (Lincea, University of Pisa): *The role of endogenous oscillations in predictive perception*
- 11.20 Discussion
- 11.45 Break

##### **Session 2 - Emotions, Inference and Awareness**

- 12.10 **Joseph LEDOUX** (New York University): *Our four realms of existence*
- 12.30 **Marco TAMIETTO** (University of Torino and Tilburg): *Vision without awareness: From structures to networks*
- 12.50 **Marcello MASSIMINI** (University of Milan): *Consciousness and brain complexity*
- 13.10 Discussion
- 13.30 Interval

### **Session 3 – Cognitive Neuro-Ethology in the Social Context**

- 15.00 Frederique DE VIGNEMONT (École Normale Supérieure, Paris): *Peripersonal space: why so last-second?*
- 15.20 Pier Francesco FERRARI (CNRF Lyon and Parma University): *Brain plasticity and social cognition in nonhuman primates*
- 15.40 Elisabetta PALAGI (University of Pisa): *Contagious behaviour in social animals: the contribution of cognitive ethology*
- 16.00 Discussion

### **Wednesday, 11 October**

#### **Session 1 – What Makes Us Social**

- 10.00 Chris and Uta FRITH (University College, London): *Communicating and sharing meaning*
- 10.20 Beatrice DE GELDER (Maastricht University): *The primate social brain: Is it all in the mind?*
- 10.40 Salvatore Maria AGLIOTI (La Sapienza University, Rome): *Deep-body insights into core and social emotions*
- 11.00 Steve Fleming (University College, London): *How metacognitive failures lead to radical beliefs*
- 11.20 Discussion
- 11:40 Break

#### **Session 2 –Complex Interactions in Brain Networks**

- 12.00 Andrea LUPPI (Cambridge University): *Synergistic architecture of brain and cognition*
- 12.20 Giovanni PETRI (Northeastern University, London): *Informational and topological signatures of individuality and age*
- 12.40 Giovanni PEZZULO (CNR, Rome): *Interoceptive inference and its dysfunctions: a computational perspective*
- 13.00 Discussion

*The conference is organized with the contribution of the ERC Consolidator “LIGHTUP” project*



**LIGHTUP**  
Turning the cortically  
blind brain to see

ROMA - PALAZZO CORSINI - VIA DELLA LUNGARA, 10

Secretariat of the conference: [centrolinceo@lincei.it](mailto:centrolinceo@lincei.it)

All information for attending the conference is available at:

<https://www.lincei.it/it/manifestazioni/mindful-connections-international-conference>

Online registration is required to attend the conference.

Until 10 a.m. access is also possible from Lungotevere della Farnesina, 10

The conference can also be followed through streaming