

Alpine Brain Imaging Meeting

2025

PROGRAM

SUNDAY, January 12th

OPENING LECTURE

16:30-17 :30 **Registration** (Hotel Suisse)

17:30 **Opening Keynote Lecture** (Hotel Suisse Conference Room)

Charan RANGANATH | University of California, Davis, USA

- *The boundaries of memory: How cortico-hippocampal interactions at event boundaries support memory and prediction*

18:30-20:30 **Welcome Reception** (Hotel Suisse) *sponsored by*



Methods and Perception

15:00 Welcome Coffee & posters

15:30 **Federico DE MARTINO** | Maastricht University, Maastricht, The Netherlands

- *Unraveling the past present and future in the auditory brain with UHF fMRI*

16:15 **Paul TAYLOR** | Ludwig Maximilians University, Munich, Germany

- *Decoding the identity of real-world scenes from the shape of steady state evoked potentials*

16:35 **David CORREDOR** | University of Helsinki, Finland

- *Graph signal processing for identifying structure-function coupling using multimodal brain-imaging with fMRI and MEG*

16:55 **Coffee Break**

17:25 **Martin HEBART** | Justus Liebig University, Giessen, Germany

- *Revealing the axes of representational space in brains, behavior, and artificial intelligence*

18:10 **Karsten RAUSS** | University of Tübingen, Germany

- *Mismatch responses in human early visual cortex activity*

18:30 **Ilaria RICCHI** | École polytechnique fédérale de Lausanne, Switzerland

- *Spine-Print: Transposing the Brain Fingerprinting to the Spinal Cord*

18:50 **Poster Blitz Presentations**

19:00 - 20:15 **Poster Session: Methods 1, Perception with apero**

TUESDAY, January 14th

Affective and Clinical Neurosciences

15:00 Welcome Coffee & posters

15:30 ▶ **Carmen MORAWETZ** | University of Innsbruck, Austria

- *Neuroscience of Emotional Balance: New Insights into the Neural Mechanisms of Emotion Regulation*

16:15 **Corrado CORRADI DELL'ACQUA** | University of Trento, Italy

- *Generalizable lesion dysconnectivity patterns for affective theory of mind deficits in temporal pole*

16:35 **Kinga IGLOI** | University of Geneva, Switzerland

- *Interactions between physical exercise, associative memory, and genetic risk for Alzheimer's disease*

16:55 ▶ **Coffee Break**

17:25 ▶ **Philip KRAGEL** | Emory College of Arts and Sciences, Atlanta, USA

- *Understanding Amygdala Contributions to Human Emotion: Insights from Neuroimaging and Artificial Neural Networks*

18:10 **Liane SCHMIDT** | Institute du Cerveau, Paris, France

- *Neural and cognitive outcomes of motivational interviewing in participants with healthy weight, overweight and obesity*

18:30 **Edgar CELEREAU** | Lausanne University Hospital, Switzerland

- *Voxel-based analyses in High-resolution Whole-brain Magnetic Resonance Spectroscopic Imaging in youth at risk for psychosis*

18:50 ▶ **Poster Blitz Presentations**

19:00 - 20:15 ▶ **Poster Session: Clinical Neuroscience, Emotion & Motivation**
with apero *sponsored by*



WEDNESDAY, January 15th

Language and Development

15:00 Welcome Coffee & posters

15:30 Ghislaine DEHAENE-LAMBERTZ | University Paris Saclay, France

- *The infant's symbolic mind*

16:15 Théo DESBORDES | Neurospin, Paris, France

- *Tracking the neural codes for words and phrases during semantic composition, working-memory storage, and retrieval*

16:35 Stefano IOANNUCCI | University of Fribourg, Switzerland

- *Sound-to-Sight: representations of sound symbolic words in visual brain areas*

16:55 Coffee Break

17:25 Alex CLARKE | University of Warwick, UK

- *Contextual modulation of neural object recognition in the lab and real-world environments*

18:10 Mathias SABLE-MEYER | University College London, UK

- *A Neural Mechanism for Representing Nested Repetition in Humans*

18:30 Jenifer MIEHLBRADT | University of Geneva, Switzerland

- *Multimodal online assessment of neural activity sustaining auditory statistical learning*

18:50 Poster Blitz Presentations

19:00-20:15 Poster Session: Methods2, Language & Music, Learning & Memory

with apero *sponsored by*



THURSDAY, January 16th

Neuromodulation

15:00 Welcome Coffee & posters

15:30 **Gregor THUT** | CNRS and University of Toulouse, France

- *Human brain oscillations for perception and attention: A mosaic of perceptually relevant rhythms is concealed in the “canonical” alpha band*

16:15 **Shadee THIAM** | University of Geneva, Switzerland

- *Using perceptual load to limit distractibility: A novel ERP marker sensitive to attention deficit hyperactivity disorder (ADHD) symptomatology*

16:35 **Lionel NEWMAN** | All Here, Geneva, Switzerland

- *Alpha Suppression as a Marker of Meditative Depth: Expertise-Driven Variations in EEG Alpha Power*

16:55 **Coffee Break**

17:25 **Michelle HAMPSON** | Yale School of Medicine, USA

- *Real-time fMRI neurofeedback for treating and studying neuropsychiatric disorders*

18:10 **François STOCKART** | Université Grenoble Alpes, France

- *Shared subcortical arousal networks across perceptual modalities*

18:30 **Eugénie CATALDO** | University of Geneva, Switzerland

- *This is not my body: a network-based approach for disruptive body ownership*

18:50 **Elisabeth FRIEDRICH** | University of Sustainability, Vienna, Austria

- *The Predictive Social Brain: "Seeing" Social Responses That Aren't There*

19:10 **Poster Blitz Presentations** / Travel Grant Awards *sponsored by*

- **Charline PEYLO** | University of Zurich and Ludwig Maximilian University, Munich, Germany

Frontal eye field transcranial direct current stimulation has no effect on visual search performance

- **Ilaria MIRSILENNA** / University of Turin, Italy
The Social Nature of Interpersonal Distance: a comprehensive investigation of the behavioral and physiological underpinnings
- **Hugo JOURDE** / Concordia University, Montreal, Canada
Closed-loop neuroimaging: causally investigating the roles of sleep spindles

20:00

Farewell dinner *sponsored by*



**UNIVERSITÉ
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with prize ceremony *sponsored by*



Springer

- *Restaurant "Le Gueullhi"*