



20th Anniversary Edition  
January 11-15, 2026

## Scientific Program

SUNDAY, January 11<sup>th</sup>

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### *OPENING LECTURE*

16:30-17:30 **Registration** (Palladium)

17:30 **Opening Keynote Lecture** (Palladium)

**Ray DOLAN** | University College London, London, UK

- *Neural replay and the remembered present*

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



MONDAY, January 12<sup>th</sup>

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***Time and Consciousness***

15:00 Welcome Coffee & posters

**15:30** **Lucia MELLONI** | Ruhr-Universität Bochum, Germany; NYU Grossman School of Medicine, New York, USA; Brain, Mind, and Consciousness Program, Toronto, Canada

- *Testing theories, expanding minds: A roadmap for consciousness science*

16:15 **Jean-Claude DREHER** | CNRS, Institute of Cognitive Science, Lyon, France

- *Brain mechanisms engaged in social interactions*

16:35 **Nicolas CLAIRIS** | University of Geneva, Geneva, Switzerland

- *Mindfulness induces the reconfiguration of the somato-motor and default mode networks*

**16:55** **Coffee Break**

**17:25** **Melanie BOLY** | University of Wisconsin, Madison, USA

- *Brain connectivity and the quality of experience*

18:10 **Monika STASYTYTE** | All Here SA, Geneva, Switzerland

- *Mapping the depths of meditation: EEG microstates as neural benchmarks of contemplative states*

18:30 **Emmanouela KOSTELETOU-KASSOTAKI** | University of Barcelona, Barcelona, Spain

- *Mapping subcortical fear pathways in the human brain: thalamo-amygdala connections revealed by high-resolution tractography*

18:50 **Poster Blitz Presentations**

**19:00 - 20:15** **Poster Session with drinks and snacks**

TUESDAY, January 13<sup>th</sup>

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### ***Neural methods to predict behavior***

15:00 Welcome Coffee & posters

**15:30** ▶ **Davide FOLLONI** | Icahn School of Medicine at Mount Sinai, New York, USA

- *Ultrasound neuromodulation of the deep brain: From brain states to decision-making circuits*

16:15 **Karolis J. DEGUTIS** | University of Geneva and École Polytechnique Fédérale de Lausanne, Genève, Switzerland

- *Layer-specific functional gradients reveal intrinsic network organization and feedback processing*

16:35 **Anna SHPEKTOR** | University of Oxford, Oxford, UK

- *A hierarchical coordinate system for sequence memory in human entorhinal cortex*

**16:55** ▶ **Coffee Break**

**17:25** ▶ **Daniel MARGULIES** | University of Oxford, Oxford, UK

- *Cortical gradients of functional integration*

18:10 **Ashleigh DAVIES** | King's College London, London, UK

- *Morphometric INverse Divergence (MIND) networks from MRI capture timing of key structural network emergence in the developing brain*

18:30 **Bin WAN** | Geneva University Hospitals, Thonex, Switzerland; University of Geneva, Geneva, Switzerland; Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany; Research Center Jülich, Jülich, Germany

- *EigenBrain: a spatial framework for reconstructing individual brain molecular architecture from multimodal magnetic resonance imaging*

**18:50** ▶ **Poster Blitz Presentations**

**19:00 - 20:15** ▶ **Poster Session with drinks and snacks**

*sponsored by*



WEDNESDAY, January 14<sup>th</sup>

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## *Language and AI*

15:00 Welcome Coffee & posters

**15:30** ▶ **Jean Remi KING** | Ecole Normale Supérieure, Paris, France

- *Emergence of language in the human brain*

16:15 **Wolfram HINZEN** | Universitat Pompeu Fabra, Barcelona, Spain

- *The grip of grammar on meaning uncertainty: cross-linguistic evidence, neural correlates, and clinical relevance*

16:35 **Thomas DIGHIRO-BRECHT** | Institut du Cerveau; Hôpital de La Pitié Salpêtrière and Université Paris-Saclay, Paris, France

- *Distinct cortical patches for semantic composition and syntactic binding in the human brain*

**16:55** ▶ **Coffee Break**

**17:25** ▶ **Laura GWILLIAMS** | Stanford University, Stanford, USA

- *Neural algorithms of human language*

18:10 **Aline-Priscillia MESSI** | New York University, New York, USA

- *The influence of structure and speed on MEG responses to narratives*

18:30 **Lina TEICHMANN** | Institutes of Health, Bethesda, USA; University of Geneva, Geneva, Switzerland

- *Rapid emergence of category responses to AI-generated visual anagrams with identical visual features*

**18:50** ▶ **Poster Blitz Presentations**

**19:00-20:15** ▶ **Poster Session with drinks and snacks**

THURSDAY, January 15<sup>th</sup>

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***Brain, Mental health and Lifestyle***

15:00 Welcome Coffee

15:30 **Charles HILLMAN** | Northeastern University College of Science, Boston, USA

- *Fit body, sharp mind: How childhood physical activity can boost brain and cognition*

16:15 **Blitz Presentations** | Travel Grant Awards *sponsored by*



- **Alexis GIFF** | Harvard Medical School, Boston, USA; Massachusetts General Hospital, Charlestown, USA

*Structural and functional connectivity correlates of clinical response to electroconvulsive therapy in major depressive disorder*

- **Ryan LAW** | University of Cambridge, Cambridge, UK

*Single word conceptual specificity, not phrasal composition, drives anterior temporal lobe during semantic processing: evidence from combined EEG/MEG*

16:25 **Mini Coffee Break**

16:35 **Hilleke HULSHOFF POL** | Utrecht University, Utrecht, The Netherlands

- *Influences of genes and environment on changes in brain health and mental health*

17:20 **Blitz Presentations** | Travel Grant Awards *sponsored by*



- **Martina T. CINCA-TOMÀS** | University of Barcelona, Barcelona, Spain

*An auditory 'low road' for threat in humans sensitive to rapid temporal modulations: multimodal insights from EEG, fMRI, DWI, and peripheral measures*

- **Davide ORSENIGO** | Università degli Studi di Torino and CENTAI Institute, Turin, Italy

*Preserved unimodal-transmodal functional hierarchy differentiation in patients with blindsight*

## 20<sup>th</sup> Anniversary Special Celebration

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### 17:30 Disco on Ice at Palladium!

Join us for an aperitif on the ice, with or without skates

### 19:30 Talk by Special Guest: Richard Parks



Richard Parks is an award-winning author, BAFTA Cymru nominated filmmaker, multiple world record holding Polar and Alpine athlete, and father.

*Richard has a background in biology and science from Studying Dentistry at university. For almost 2 decades he has partnered with multiple universities and brands to better understand human performance, particularly the relationship between cognition and stress. Even using an oxygen less ascent on Everest to explore the mechanisms underpinning vascular Dementia. Each project and expedition has been underpinned and driven by research, education, or social legacy.*

### 20:00 Gala Dinner at Palladium sponsored by



UNIVERSITÉ  
DE GENÈVE

SWISS CENTER FOR  
AFFECTIVE SCIENCES



with prize ceremony sponsored by  Springer

### 23:00-3:00 Disco Night at Palladium