



20th Anniversary Edition
January 11-15, 2026

Scientific Program

SUNDAY, January 11th

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 12th

Time and Consciousness

15:00 Welcome Coffee & posters

15:30 **Melanie BOLY** | University of Wisconsin, Madison, USA

- *Brain connectivity and the quality of experience*

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 - with sponsor booth announcements**

17:25 **Hal BLUMENFELD** | Yale University School of Medicine, USA

- *Dynamic subcortical modulation unifies perceptual and volitional conscious events*

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**

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



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** | Institut Català de Recerca i Estudis Avançats (ICREA) & Universitat Pompeu Fabra, Barcelona, Spain - **Rui HE** | Institut Català de Recerca i Estudis Avançats (ICREA), Barcelona, Spain

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

16:35 **Thomas DIGHIERO-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 15th

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*  **Swiss National Science Foundation**

- **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*  **Swiss National Science Foundation**

- **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

20th Anniversary Special Celebration

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**



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



Commune de Champéry

with prize ceremony sponsored by  Springer

23:00-3:00 ➤ **Disco Night at Palladium**