Program overview

Sunday, January 6

18:00 - 21:00 Registration and reception, Hotel Suisse

Monday, January 7

15:30 Lionel Naccache (Université Pierre et Marie Curie, Paris 6, France) Imaging neural signatures of consciousness: 'What', 'When', 'Where' and 'How' does it work?

16:20 Matthias Mueller (Institut für Psychologie, Universität Leipzig, Germany) Biased competition or sensory gain? Neural dynamics during sustained visual attention in early visual areas of the human brain

16:40 Alexandre Comte (Department of Functional Neuroimaging (IFR 133 INSERM), CHU Besançon, France) Mental imagery: which automatic method to interpret consciousness paradigms?

17:00 Coffee Break

17:30 Olaf Blanke (Ecole Polytechnique Fédérale Lausanne, Switzerland) Neuroscience of self-consciousness

18:20 Athina Tzovara (University Hospital and University of Lausanne) Progression of auditory discrimination based on neural decoding predicts awakening from coma

18:40 Inga Steppacher (University of Konstanz, Department of Psychology) Speech, a beacon in the dark. N400 predicts recovery from unresponsive wakefulness and minimal consciousness states

19:00 Roberto Martuzzi (Laboratory of Cognitive Neuroscience, Swiss Federal Institute of Technology, Lausanne, Switzerland) Visuo-vestibular convergence in the retrosplenial cortex: a 7T fMRI study

Tuesday, January 8

Dynamics of cognitive control

15:30 Michael X Cohen (Department of Psychology, University of Amsterdam, Netherlands) Mechanisms of action monitoring or: How I learned to stop worrying and love the theta

16:20 Douglas Garrett (Max Planck-University College London Initiative for Computational Psychiatry and Ageing Research) Amphetamine Successfully Increases BOLD Signal Variability in Older adults

16:40 Anna Custo (Functional Brain Mapping Laboratory, Department of Fundamental Neurosciences, University of Geneva, Geneva, Switzerland) Take your time: GLM and hypothesis testing for EEG source imaging

17:00 Coffee Break

17:30 Stefan Everling (Western University London, Ontario, Canada) Dorsolateral prefrontal cortex and saccade control

18:20 - 20:00 Poster Session

Wednesday, January 9

Neurostimulation and tDCS

15:30 Michael Nitsche (Universitätsmedizin Göttingen, Germany) Effects of transcranial direct current stimulation on functional network connectivity

16:20 Karim N’Diaye (Université Pierre et Marie Curie, Inserm UMRS 975, CNRS UMR 7225, CHU Pitié-Salpêtrière, Paris, France) Longitudinal changes of brain connectivity in OCD patients undergoing cognitive-behavioral therapy: a resting-state fMRI study

16:40 Camille Piquet (Department of Neuroscience, Faculty of Medicine, University of Geneva) Neural correlates of switching and inhibition in mood disorder patients

17:00 Coffee Break

17:30 Amit Etkin (Stanford University, USA) Measuring and manipulating emotional circuits in humans

18:20 - 20:00 Poster Session

Thursday, January 10

Social and affective regulation

15:30 Claus Lamm (Universität Wien, Austria) From empathy to prosocial behavior

16:20 Olga Klimecki (Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany) Differential Pattern of Functional Brain Plasticity after Compassion and Empathy Training

16:40 Luca Vizioli (Department of Psychology, University of Fribourg, Switzerland) Culture shapes neural representations for faces: an eye movement and fMRI study

17:00 Coffee Break

17:30 Simon Eickhoff (Heinrich-Heine University, Düsseldorf, Germany) The amygdala: Behind fear and towards relevance

18:20 Swann Pichon (Lab. for Neurology and Imaging of Cognition – University of Geneva – Switzerland) Cumulative activity to emotional information in amygdala predicts subsequent reactivity to threat

18:40 Kinga Igloi (LabNic, University of Geneva, Geneva, Switzerland) A nap to recap: Reward strengthens relational memory during daytime sleep

19:00 Agnieszka Burzynska (The Beckman Institute for Advanced Science and Technology at the University of Illinois) It is never too late to start: positive effects of physical exercise on white matter in very old age

19:00 Coffee Break

20:30 Farewell party

Restaurant “Le Gueullhi” (details will be provided during the conference)