



Alpine Brain Imaging Meeting 2016

PROGRAM OVERVIEW

Sunday, January 10 Conference Opening

18:30-20:30 Welcome reception & registration, HOTEL SUISSE.

Monday, January 11 Emotion Network

15:30 ★ **Tor Wager** (*Department of Psychology and Neuroscience, Institute for Cognitive Science University of Colorado, Boulder, USA*).
Varieties of pain.

16:20 **Benjamin Kreifelts** (*Department of Psychiatry and Psychotherapy, Eberhard Karls University, Tübingen, Germany*).
Cerebral resting state connectivity predicts cognitive biases in social anxiety.

16:40 **Leonie Koban** (*Department of Psychology and Neuroscience, Institute for Cognitive Science University of Colorado, Boulder, USA*).
Frontal-brainstem pathways mediating placebo effects on social pain.

17:00 Coffee Break

17:30 ★ **Kevin LaBar** (*Center for Cognitive Neuroscience, Duke University, Durham, USA*).
Neural decoding of emotional feeling states.

18:20 **Lauri Nummenmaa** (*Department of Neuroscience and Biomedical Engineering, School of Science, Aalto University, Finland*).
Social laughter triggers cerebral β -Endorphin release in humans.

18:40 **Roberta Ronchi** (*Laboratory of Cognitive Neuroscience, Brain Mind Institute, EPFL Lausanne, Switzerland*).
From internal signals to visual processing: cardio-visual integration for body perception.

19:00 **Tonia A. Rihs** (*FBM Laboratory, University of Geneva, Switzerland*).
Naturalistic viewing of biological motion in young children with autism spectrum disorder assessed with high density EEG.

Tuesday, January 12 Neurostimulation

15:30 ★ **Gregor Thut** (*Institute of Neuroscience and Psychology, University of Glasgow, UK*).
Exploring new ways for modulating brain activity and function through transcranial brain stimulation: A central role for brain oscillations?

16:20 **Natalia Egorova** (*Department of Psychiatry, Massachusetts General Hospital/Harvard Medical School, Charlestown, USA*).
Early neural biomarkers of longitudinal transcutaneous vagus nerve stimulation treatment success in depression.

16:40 **Tatiana Aboulaflia Brakha** (*Division of Neuro-rehabilitation, Geneva University Hospitals, Geneva, Switzerland*).
Right prefrontal transcranial direct current stimulation facilitates affective flexibility by enhancing disengagement from emotional faces.

17:00 Coffee Break

17:30 ★ **Giacomo Koch** (*Department of Clinical and Behavioural Neurology, Fondazione S. Lucia, Rome, Italy*).
Tracking cortico-cortical connectivity with multifocal TMS: from basic neurophysiology to clinical application.

18:20-20:00 **Poster Session (Odd Numbers)**

Wednesday, January 13 Executive Control & Decision Making

15:30 ★ **Christopher Summerfield** (*Department of Experimental Psychology, University of Oxford, UK*).
Do humans make good decisions?

16:20 **Micah Edelson** (*Department of Economics, University of Zurich, Switzerland*).
Responsibility aversion and leadership ability. Behavioral, cognitive and neurocomputational mechanisms.

16:40 **Nathan Favre** (*Laboratory of Cognitive Neuroscience, Brain Mind Institute, EPFL, Lausanne, Switzerland*).
Illusory hand ownership modulates the position of afterimages: a case for self-grounded vision.

17:00 Coffee Break

17:30 ★ **Etienne Koechlin** (*INSERM, Ecole Normale Supérieure, Paris, France*).
A computational approach to prefrontal executive function and human adaptive behaviour.

18:20-20:00 **Poster Session (Even numbers)**

Thursday, January 14 Network Analyses & Modeling

15:30 ★ **Viktor Jirsa** (*Institut de Neurosciences des Systèmes UMR INSERM 1106, Aix-Marseille University, France*).
Translational neuroscience: from large-scale brain modeling to individual patient prediction.

16:20 **Kathrin Müsch** (*Department of Psychology, University of Toronto, Canada*).
Sensorimotor crosstalk in the language network during sentence repetition.

16:40 **Laurent Sheybani** (*FBM lab, University of Geneva, Switzerland*).
Emergence of a focus-independent epileptic network associated with neocortical fast ripples in the mouse-model of temporal lobe epilepsy.

17:00 Coffee Break

17:30 ★ **Martijn Van Den Heuvel** (*Brain Center Rudolf Magnus, Department of Psychiatry, University Medical Center Utrecht, The Netherlands*).
Exploring the human connectome.

18:20 **Simon Eickhoff** (*Institute for Neuroscience and Medicine, Research Center Jülich, Germany*).
Behavior, sensitivity, and power of activation likelihood estimation characterized by large-scale simulation.

18:40 **Benjamin Morillon** (*McConnell Brain Imaging Center, Montreal Neurological Institute, McGill University, Montreal, Canada*).
Motor origin of temporal predictions in auditory attention

19:00 **Thomas Bolton** (*Institute of Bioengineering, EPFL, Lausanne, Switzerland*).
Don't forget your posterior cingulate cortex co-activation patterns: they relate to working memory!

20:30 **Farewell party with prize ceremony**
Swiss Fondue at the restaurant "Le Gueullhi"
(details will be provided during the conference)