

Alpine Brain Imaging Meeting 2018

PROGRAM OVERVIEW

SUNDAY, January 7

OPENING KEYNOTE LECTURE

17:30

Maurizio CORBETTA | *University of Padua, Italy* ☆

- Stroke: brain networks, behavior, and computational modeling

18:30 > 20:30

- **Welcome Reception & Registration (Hotel Suisse)**

MONDAY, January 8

NEUROSTIMULATION

15:30

Vince CLARK | *University of New Mexico, USA* ☆

- Brain imaging integrated with neurostimulation: new frontiers in cognitive neuroscience

16:20

Kristoffer FEHER | *University of Bern, Switzerland*

- Phase-synchronized tACS-induced oscillatory activity modulates cortico-cortical signaling efficacy

16:40

Monica ROSENBERG | *Yale University, USA*

- Real-time neurofeedback of functional connectivity in large-scale brain networks that predict attention

17:00

Coffee break

17:30

Christoph HERRMANN | *University of Oldenburg, Germany* ☆

- Transcranial alternating current stimulation: models, brain oscillations, and cognition

18:20

Marco SOLCÀ | *Ecole Polytechnique Fédérale de Lausanne, Switzerland*

- Merging virtual reality and Single-cell recording to study interoception and multisensory integration in thalamic nuclei

18:40

Leyla LOUED-KHENISSI | *Ecole Polytechnique Fédérale de Lausanne, Switzerland*

- Confidence and Information as prediction and Accuracy in Human Decision-Making

19:00

Michael PEREIRA | *Ecole Polytechnique Fédérale de Lausanne, Switzerland*

- Electrophysiological and hemodynamic correlates of self-committed and observed decision-making

T U E S D A Y, January 9

AFFECTIVE & SOCIAL COGNITION

15:30

Tom JOHNSTONE | *University of Reading, UK* ☆

- Emotion regulation & dysregulation: what cognitive neuroscience has and hasn't told us

16:20

Rafal SKIBA | *University of Geneva, Switzerland*

- Holistic and analytic processing of dynamic facial expression

16:40

Giada DIRUPO | *University of Geneva, Switzerland*

- Neural networks underlying feedback-based learning explain pain underestimation in medical practitioners

17:00

Coffee break

17:30

Karine ROELOFS | *University of Nijmegen, The Netherlands* ☆

- Neural control of emotional action

18:20

Camille PIGUET | *University of Geneva, Switzerland*

- Resting state BOLD signal variability correlates with clinical dimensions in euthymic bipolar patients

18:40 > 20:00

- **Poster session (Odd numbers – see abstract lists)**
Buffet with Swiss snacks and wine in the poster area

W E D N E S D A Y, January 10

NETWORK ANALYSIS & MODELING

15:30

Rosalyn MORAN | *University of Bristol, UK* ☆

- Pushing Beliefs, Neuromodulators and Computational Psychiatry

16:20

Lucie BRECHET | *Ecole polytechnique Fédérale de Lausanne, Switzerland*

- Manipulation of EEG microstates and fMRI resting state network by externally and internally oriented cognitive tasks

16:40

Thomas KOENIG | *University of Bern, Switzerland*

- BOLD correlated of EEG microstates and fMRI resting state networks: There is overlap, but no identity

17:30

Mark WOOLRICH | *University of Oxford, UK* ☆

- Transient dynamic brain networks in MEG and fMRI

18:20 > 20:00

- **Poster session (Even numbers – see abstract list)**
Buffet with Swiss snacks and wine in the poster area

THURSDAY, January 11

L A N G U A G E

15:30

Riitta SALMELIN | *University of Aalto, Finland* ☆

- MEG measures as probes of cortical language function

16:20

Pierre MEGEVAND | *University of Geneva, Switzerland*

- Dynamics of crossmodal speech signal tracking in the human auditory and visual cortex

16:40

Michael BEAUCHAMP | *Baylor College of Medicine, USA*

- Frontal cortex selects representations of the talker's mouth to aid in speech perception

17:00

Coffee break

17:30

Matt DAVIS | *University of Cambridge, UK* ☆

- Predicting and perceiving degraded speech

18:20

Sanne RUTTEN | *University of Geneva, Switzerland*

- Contextual effects on the neural encoding of speech in the auditory cortex

18:40

David PASCUCCI | *University of Fribourg, Switzerland*

- A constrained Kalman filter approach to inform dynamic functional connectivity with anatomical priors: a simulation study

19:00

Else SCHNEIDER | *University of Bern, Switzerland*

- The unconscious episodic memory

20:30

Farewell party with prize ceremony

- Swiss Fondue restaurant "**Le Gueullhi**"