

Scientific Program

Member initiated scientific sessions and individual contributions provide an overview about current topics in alpine brain mapping research.

OHBM Alpine Chapter (www.humanbrainmapping.org, www.oegfmrt.org)

Registration / Contact

For registration or submission of contributions please contact the Chapter Executive Tabea Philippi-Novak: tabea.philippi-novak@meduniwien.ac.at

Deadline is 11.11.2016. Registration fee 150 €, Speakers free, Students free (Alpine Chapter, IBAN: AT813293900000544502, BIC/SWIFT: RLNWATWW939)

Local Organisation

Christian-Doppler-Klinik, Paracelsus Medical University (PMU): Prof. Dr. Eugen Trinka (Head), Sarah Said-Yürekli (s.said-yuerekli@salk.at), Wolfgang Staffen, Stefan Golaszewski, Martin Kronbichler (Department of Psychology)

Venue

Christian-Doppler-Klinik Salzburg - Hörsaalzentrum
Paracelsus Medical University (PMU)
Ignaz-Harrer-Straße 79, A-5020 Salzburg

Faculty OHBM Alpine Chapter

Vienna: Roland Beisteiner (Chair)
Basel: Christoph Stippich (Chair Elect)
Geneva: Patrik Vuilleumier (Secretary)
Graz: Christian Enzinger (Secretary Elect)
Salzburg: Stefan Golaszewski, Martin Kronbichler (Treasurer)
Bern: Roland Wiest (Treasurer Elect)



Organisation for
Human Brain Mapping

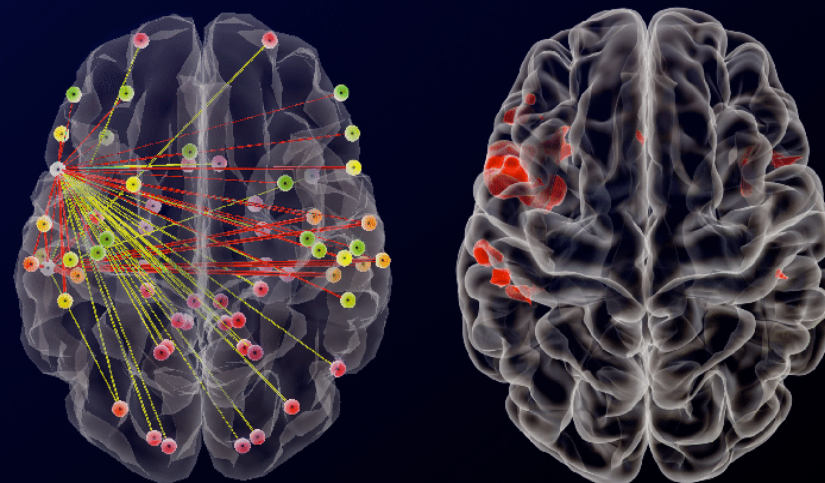


Alpine Chapter



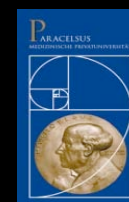
Austrian Society for
fMRI

2nd ALPINE CHAPTER SYMPOSIUM + 16th AUSTRIAN fMRI SYMPOSIUM



November 25 – 26, 2016

Paracelsus Medical University (PMU)



UNIKLINIKUM
SALZBURG
CHRISTIAN-DOPPLER-KLINIK



Friday

- 09:00 - 09:10 Opening**
 Eugen Trinka (Head Local Organization), Salzburg, AT
 Wolfgang Staffen (President Austrian fMRI Society), Salzburg, AT
- 09:10 - 10:25 The search for valid (clinical) fMRI data | Roland Beisteiner, Vienna, AT & Simon Eickhoff, Jülich, DE**
- Introduction
 Roland Beisteiner, Vienna, AT
- Lessons from fMRI meta analysis
 Simon Eickhoff, Jülich, DE
- Looking for thresholds in functional MRI studies
 Cyril Pernet, Edingburgh, GB
- Clinical problems and examples
 Christoph Stippich, Basle, CH
- 10:25 - 10:50 - BREAK -**
- 10:50 - 11:50 Epilepsy | Eugen Trinka, Salzburg, AT**
- Molecular imaging in Epilepsy / Integration of PET and MRI
 Matthias Koepp, London, GB
- Recent developments of fMRI in Epilepsy
 Silvia Bonelli, Vienna, AT
- Social abilities in patients with Epilepsy / Insides from fMRI
 Bettina Steiger, Zurich, CH

- 11:50 - 12:50 Novel approaches in advanced brain tumor imaging | Christoph Stippich, Basel, CH & Stefan Golaszewski, Salzburg, AT**
- Golden-angle radial sparse parallel MRI (GRASP) in neuroimaging
 Andrea Bink, Basle, CH
- Imaging of intracranial and head/neck tumors with GRASP MRI
 Andrea Bink, Basle, CH
- Evaluation strategy and long term results of standardised presurgical fMRI and DTI
 Christoph Stippich, Basle, CH
- Estimating the impact of brain tumors on the structural connectome
 Emil Nijhuis, Basle, CH
- 12:50 - 14:00 - LUNCH BREAK -**
- 14:00 - 15:00 The Immature Brain | Christian Weisstanner, Roland Wiest, Bern, CH**
- Formation
 Gregor Kasprian, Vienna, AT
- Malformation
 Christian Weisstanner, Bern, CH
- Information
 Karen Lidzba, Tübingen, DE
- 15:00 - 15:25 - BREAK –**
- 15:25 - 17:30 Individual Alpine Contributions | Wolfgang Staffen, Salzburg, AT & Anja Ischebeck, Graz AT**

Saturday

09:00 - 10:00 **FMRI to explore the effects of rehabilitation in MS | Christian Enzinger, Graz, AT**

Longitudinal fMRI studies in MS - what do we know and what do we need to know?
Christian Enzinger, Graz, AT

fMRI in rehab studies in MS - Existing knowledge and gaps in knowledge
Mara Rocca, Milan, IT

Future trials incorporating fMRI - what do we need and how to proceed?
Jaume Sastre-Garriga, Barcelona, ES

10:00 - 10:25 **- BREAK -**

10:25 - 11:25 **MRI in neurodegenerative diseases | Christoph Scherfler, Elke Gizewski, Innsbruck, AT**

Do multimodal MRI parameters enhance the diagnostic accuracy of Parkinson's disease and atypical parkinsonism?
Patrice Peran, Toulouse, FR

MRI of the cerebellum - considerations for the differential diagnosis of patients with cerebellar ataxias
Dagmar Timmann, Essen, DE

Sensitivity of MRI to detect iron depositions in neurodegenerative diseases
Christian Langkammer, Graz, AT

11:25 - 12:25 **Pharmacological neuroimaging in gender research | Rupert Lanzenberger & Birgit Derntl**

Effects of sex steroids on brain activation during emotion and cognition
Birgit Derntl, Tübingen, DE

Hormonal-induced gray matter alterations in transgender people
Rene Seiger, Vienna, AT

Gender transition affects neural correlates of empathy: A resting state functional connectivity study with ultra high-field 7T MR imaging
Marie Spies, Vienna, AT

Effects of long-term treatment with sex hormones revealed by diffusion-weighted imaging
Georg Kranz, Vienna, AT

12:25 - 13:35 **- LUNCH BREAK -**

Saturday

13:35 - 14:35 **Alpine Social Cognitive Neuroscience | Claus Lamm, Wien, AT**

Using placebo analgesia to gain a mechanistic understanding of empathy for pain: evidence from a multimodal neuroimaging approach
Claus Lamm, Vienna, AT

From Social Neuroscience to clinical practice. The many neural facets of professional pain management
Corrado Corradi-dell'Acqua, Geneva, CH

Meta-analytic clustering of empathy and theory of mind networks in the brain
Matthias Schurz, Salzburg, AT

14:35 - 15:00 **- BREAK -**

15:00 - 16:00 **Cognition and brain: Integration and segregation | Martin Kronbichler, Salzburg, AT**

TACS in the MEG - Implications for the future of tACS
Toralf Neuling, Salzburg, AT

Reverse Inference
Florian Hutzler, Salzburg, AT

Oscillations, Sleep & memory
Manuel Schabus & Kerstin Hödlmoser, Salzburg, AT

- POSTER VISITS DURING BREAKS -

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