

## 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](http://www.humanbrainmapping.org), [www.oegfmrt.org](http://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](mailto: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](mailto: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

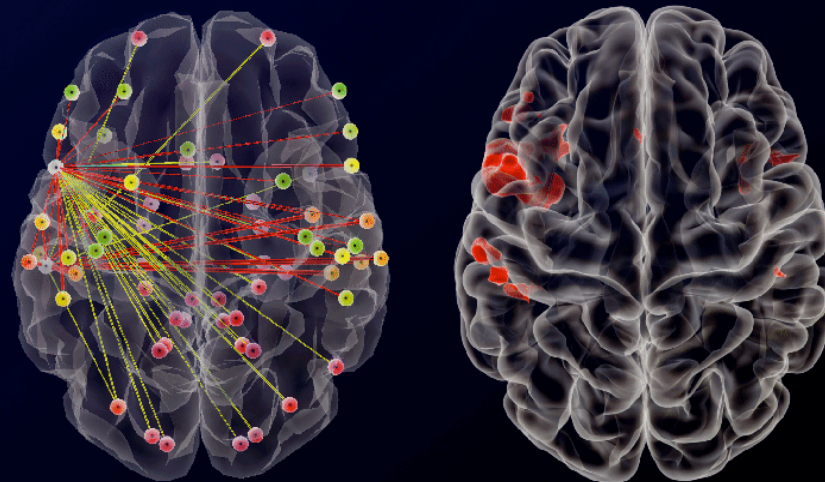


Alpine Chapter



Austrian Society for  
fMRI

# 2<sup>nd</sup> ALPINE CHAPTER SYMPOSIUM + 16<sup>th</sup> AUSTRIAN fMRI SYMPOSIUM



November 25 – 26, 2016

Paracelsus Medical University (PMU)



UNIKLINIKUM  
SALZBURG  
CHRISTIAN-DOPPLER-KLINIK

## Friday

**09:00 - 09:10**    **Opening**

**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 Trinkla, 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**

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 - 17:15**    **Individual Alpine Contributions**

## 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  
Maria 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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