Speakers

Prof. Irene Tracey  
*Oxford Centre for Functional MRI of the Brain, University of Oxford*

Prof. Peter Henningsen  
*Dean of the Medical Facultiy, TUM*

PD Dr. Rüdiger Ilg  
*Department of Neurology, TUM*

PD Dr. Kathrin Koch  
*Department of Neuroradiology, TUM*

Dr. Sandro Krieg  
*Department of Neurosurgery, TUM*

Dr. Yong Li  
*Department of Neurology, TUM*

Satja Mulej Bratec, MSc  
*Departments of Psychiatry and Neuroradiology, TUM*

PD Dr. Markus Ploner  
*Department of Neurology, TUM*

Dr. Valentin Riedl  
*Departments of Nuclear Medicine and Neuroradiology, TUM*

Contact

[www.tumnic.mri.tum.de](http://www.tumnic.mri.tum.de)  
ploner@lrz.tum.de

2nd Symposium of the TUM-Neuroimaging Center

11.07.2013, 17–19 h  
Pavillon, Hörsaalgebäude

TUM-Neuroimaging Center
Dear colleagues,

we cordially invite you to the 2nd Symposium of the TUM-Neuroimaging Center (TUM-NIC).

The symposium will provide an update on the progress of TUM-NIC and brief insights into recent research projects. TUM-NIC is an initiative of scientists from different disciplines and backgrounds to promote neuroimaging research at the TUM. They created TUM-NIC as a platform for the exchange of ideas, knowledge, skills and plans for the future. TUM-NIC facilitates collaborations across department and faculty boundaries, furthers education in neuroimaging techniques and enhances the impact and visibility of neuroimaging research at the TUM.

This year’s symposium will highlight the broad variety of methods covered by clinical neuroimaging research at the TUM including MRI, PET, EEG and TMS and their combined application. The presentations will demonstrate how these methods are used to further our understanding of neurological and psychiatric disorders. We are particularly pleased that the presentations will be complemented by a keynote lecture by Prof. Irene Tracey who will discuss the benefits of neuroimaging for clinical use.

Best wishes

Mark Mühlau
Markus Ploner
Christian Sorg
on behalf of the TUM-Neuroimaging Center

---

### Program

**17.00 Introduction**

**Welcome**

Prof. Peter Henningsen  
Dean of the Medical Faculty, TUM

**The TUM-Neuroimaging Center (TUM-NIC)**

PD Dr. Markus Ploner  
Department of Neurology, TUM

**17.15 Keynote lecture**

Why image pain?  
Prof. Irene Tracey  
Oxford Centre for Functional MRI of the Brain, University of Oxford

**18.00 Short presentations**

Simultaneous PET-fMRI reveals specific links between local and network brain activity  
Dr. Valentin Riedl

Functional and structural connectivity in writer's cramp  
Dr. Yong Li

Is there an association between gray matter volume and altered functional connectivity in schizophrenia? A VBM-fMRI study  
PD Dr. Kathrin Koch

Navigated transcranial magnetic stimulation in the daily neurosurgical routine  
Dr. Sandro Krieg

Neural correlates of (un)consciousness: Insights from simultaneous EEG and fMRI during propofol anesthesia  
PD Dr. Rüdiger Ilg

Can you regulate my emotions as well as I can?  
Satija Mulej Bratec, MSc

**19.00 Reception**