Speakers

Prof. Christian Büchel  
*Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf*

Prof. Peter Henningsen  
*Dean, TUM School of Medicine*

Sarah Glim, MSc  
*Department of Neuroradiology, TUM*

Dr. Daniel Golkowski  
*Department of Neurology, TUM*

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

Chun Meng, PhD  
*Departments of Psychiatry and Neuroradiology, TUM*

Prof. Markus Ploner  
*Department of Neurology, TUM*

Martina Postorino, MSc  
*Department of Neurology, TUM*

Nico Sollmann, MD  
*Department of Neurosurgery, TUM*

Contact

www.tumnic.mri.tum.de  
ploner@lrz.tum.de

4th Symposium of the TUM-Neuroimaging Center

09.07.2015, 17–19 h  
Pavillon, Hörsaalgebäude

TUM-Neuroimaging Center
Dear colleagues,

we cordially invite you to the 4th 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. This year’s symposium will highlight the broad variety of methods covered by clinical neuroimaging research and how these methods are increasingly integrated 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. Christian Büchel who will discuss the contribution of neuroimaging research to our understanding of the perception and cerebral processing of pain in health and disease.

Best wishes

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

---

**Program**

**17.00** Introduction

Welcome
Prof. Peter Henningsen
Dean, TUM School of Medicine

The TUM-Neuroimaging Center (TUM-NIC)
Prof. Markus Ploner
Department of Neurology, TUM

**17.15** Keynote lecture

Pain and pain modulation:
from spinal to cortical processing
Prof. Christian Büchel
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf

**18.00** Short presentations

Obsessive-Compulsive Disorder:
Insights from Structural Connectomics
PD Dr. Kathrin Koch

nTMS-based DTI fiber tracking for pre- and intraoperative visualization of language pathways in brain tumor patients
Nico Sollmann, MD

The ultimate function of pain:
How pain and the motor system interact
Martina Postorino, MSc

Striatal connectivity predicts the clinical course of major depression
Chun Meng, PhD

To see or not to see:
Neural readiness for conscious visual perception
Sarah Glim, MSc

Multimodal imaging of cerebral connectivity in disorders of consciousness
Dr. Daniel Golkowski

**19.00** Reception