# **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

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Klinikum rechts der Isar Technische Universität München

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 preand 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**