

## 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*



Klinikum rechts der Isar  
Technische Universität München



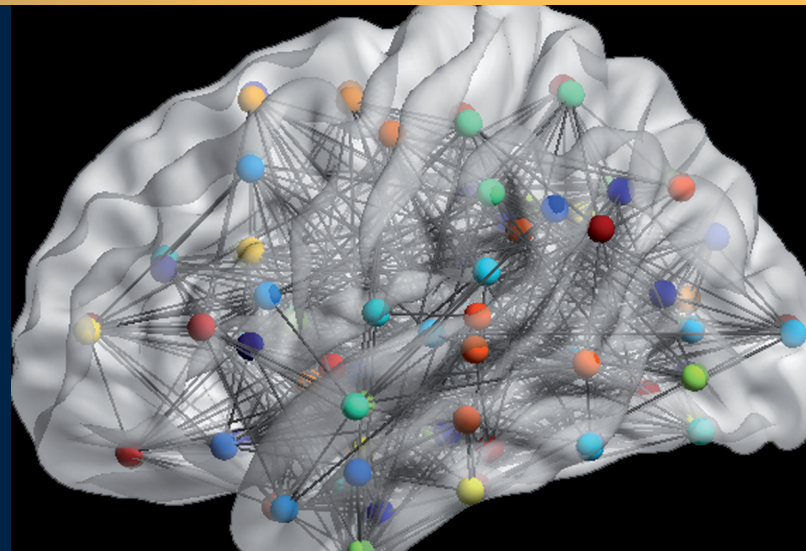
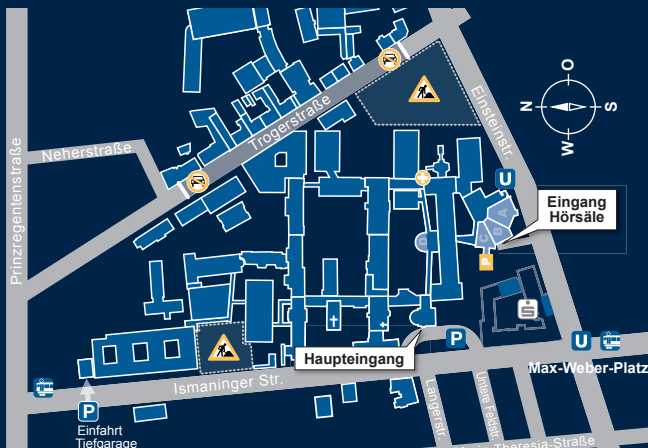
## 4th Symposium of the TUM-Neuroimaging Center

09.07.2015, 17–19 h  
Pavillon, Hörsaalgebäude

TUM-Neuroimaging Center

## Contact

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



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

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### 17.00 Introduction

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#### Welcome

*Prof. Peter Henningsen*

*Dean, TUM School of Medicine*

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

*Prof. Markus Ploner*

*Department of Neurology, TUM*

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### 17.15 Keynote lecture

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#### Pain and pain modulation: from spinal to cortical processing

*Prof. Christian Büchel*

*Department of Systems Neuroscience, University  
Medical Center Hamburg-Eppendorf*

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### 18.00 Short presentations

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#### 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*

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### 19.00 Reception

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