

Speakers

Prof. Nikolaus Weiskopf

Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig

Felix Brandl, MD

Departments of Neuroradiology and Psychiatry, TUM

Christina Engl, MD

Department of Neurology, TUM

Deniz Gürsel, MSc

Department of Neuroradiology, TUM

Vanessa Hohn, BSc

Department of Neurology, TUM

Stefan Kaczmarz, MSc

Department of Neuroradiology, TUM

Prof. Markus Ploner

Department of Neurology, TUM

Lukas Utz, MSc

Department of Neuroradiology, TUM



Klinikum rechts der Isar
Technische Universität München



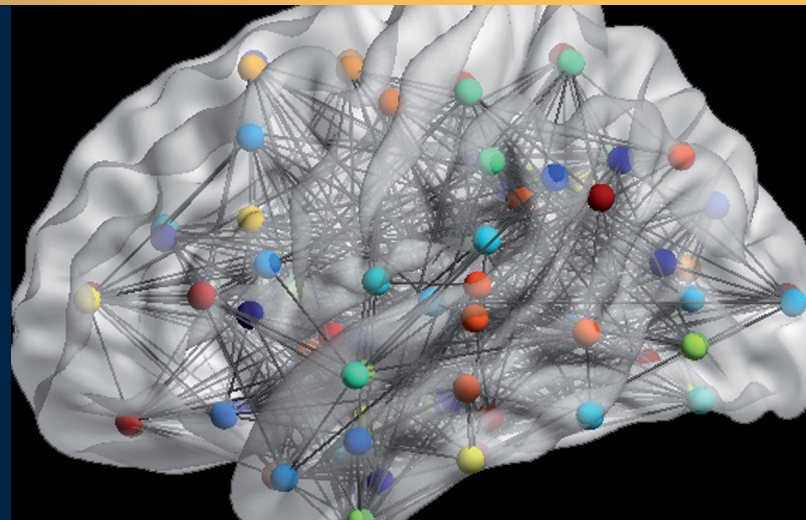
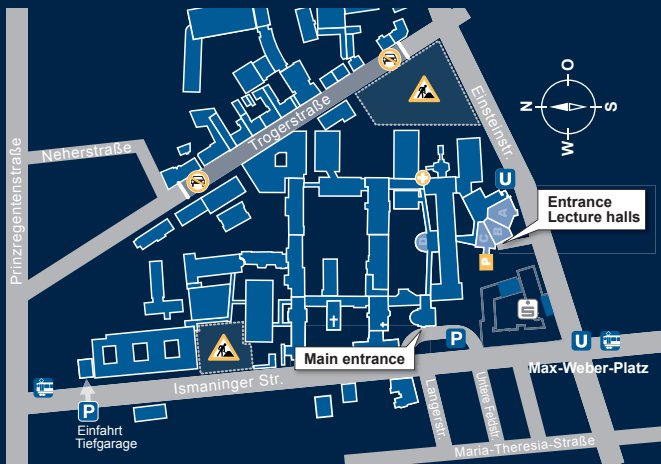
6th Symposium of the TUM-Neuroimaging Center

13.07.2017, 17–19 h
Pavillon, Hörsaalgebäude

TUM-Neuroimaging Center

Contact

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Dear colleagues,

we cordially invite you to the 6th 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. We will highlight the broad variety of methods covered by clinical neuroimaging research and how these methods are used and 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. Nikolaus Weiskopf who will discuss most recent MRI approaches which provide non-invasive histological measures of brain tissue.

Best wishes

Markus Ploner

Mark Mühlau

Valentin Riedl

Christian Sorg

on behalf of the TUM-Neuroimaging Center

Program

17.00 Introduction

Update on the TUM-Neuroimaging Center (TUM-NIC)

Prof. Markus Ploner

Department of Neurology, TUM

17.15 Short presentations

The brain's energy efficiency is an indicator of evolutionary aging

Lukas Utz, MSc

Brain mediators of pain – How does the brain translate noxious stimuli into perception, behavior and autonomic responses?

Vanessa Hohn, BSc

Increased global interaction across functional brain modules during cognitive emotion regulation

Felix Brandl, MD

A meta-analysis of brain network organization in obsessive-compulsive disorder

Deniz Gürsel, MSc

Cerebral hypoperfusion and attention deficits in patients with asymptomatic carotid stenosis

Stefan Kaczmarz, MSc

Cognitive Impairment in MS: Are white matter lesions the main driver?

Christina Engl, MD

18.00 Keynote lecture

Characterizing brain microstructure using MRI – Towards in-vivo histology

Prof. Nikolaus Weiskopf

Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig

19.00 Reception

