18.07.2019, 17–19 h

Lecture Hall Pavillon

8th Symposium of the TUM-Neuroimaging Center

Contact

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Prof. Simon Eickhoff
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Matthias Bussas, Dipl.-Math.
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we cordially invite you to the 8th Symposium of the TUM-Neuroimaging Center (TUM-NIC).

The symposium will provide insights into recent research projects performed in the TUM-NIC. Our speakers 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. Simon Eickhoff who will discuss how neuroimaging-based assessments of brain activity can translate into clinical practice.

Best wishes

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

17.00   Introduction
Prof. Markus Ploner

17.10   Short Presentations

Human Connectome Project Data to Understand the Effect of White Matter Lesions on Grey Matter Atrophy in Multiple Sclerosis
Matthias Bussas, Dipl.-Math.
Towards a metabolic baseline of fMRI-signal activations and deactivations: From correlation towards causality
Samira Epp, MSc
Aberrant gyriﬁcation contributes to the link between gestational age and adult IQ after premature birth
Dennis Hedderich, Dr. med.
MRI assessment of microvascular impairments in asymptomatic Internal carotid Artery Stenosis
Jan Kühne, cand. med.
Bridging phenotypic and genotypic approaches to link microvascular impairments in asymptomatic Internal carotid Artery Stenosis
Dominik Hedderich, Dr. med.

18.00   Keynote Lecture
Bridging brain mapping, machine-learning and clinical translation
Prof. Simon Eickhoff
Institute of Neuroscience, Heinrich Heine University Düsseldorf and Institute of Neuroscience and Medicine, Forschungszentrum Jülich

19.00   Reception

Dear colleagues,

Program