

Bildgebende Verfahren in den Neurowissenschaften: Grundlagen und aktuelle Ergebnisse

Jena, 01.04.2019

Veranstaltungszeitraum: jeweils freitags vom 12.04. bis 12.07.2019, 14:00 – 15:30 Uhr
Ort: Seminarraum Hans Berger, im Pavillon (2.OG) der Klinik für Psychiatrie, Philosophenweg 3

- 12.04.2019 **Dipl.-Ing. Thomas Jochmann**
Institute of Biomedical Engineering, Technical University Ilmenau
A gentle introduction to Deep Learning and its application to EEG and MRI
- 26.04.2019 **M.Sc. Carina Heller**
Department of Psychiatry, Jena University Hospital
Abnormalities in White Matter Tracts in the Fronto-Striatal-Thalamic Circuit and Cognition in a High-Risk Schizophrenia Population
- 03.05.2019 **Dr. rer. nat. Markus Plaumann**
Institut für Biometrie und Medizinische Informatik (IBMI), Medizinische Fakultät, Otto-von-Guericke-Universität Magdeburg
¹⁹F MR Spectroscopy and -Imaging – Prospects in Neuroscience
- 17.05.2019 **M.Sc. Andy Schumann**
Department of Psychiatry, Jena University Hospital
The influence of an 8-week biofeedback intervention on functional brain connectivity
- 24.05.2019 **Dr. phil. Romi Zäske**
Department of Otolaryngology, Jena University Hospital Jena
Neuronale Korrelate des Stimmenlernens
- 31.05.2019 **Dr. Evgeniya Kiriliana**
Department of Neurophysics, Max-Planck-Institute Leipzig
More than simply iron: Mechanisms of iron-induced relaxation in the human brain.
- 07.06.2019 **Prof. Florian Zepf**
Klinik für Kinder- und Jugendpsychiatrie, Psychosomatik und Psychotherapie, Jena University Hospital
Diät für das Gehirn: Translationale Forschungsansätze zum Serotoninsystem in der Kinder- und Jugendpsychiatrie und deren klinische Relevanz
- 14.06.2019 **PD Dr. Dr. Christian Ziener**
German Center for Cancer Research (DKFZ), Heidelberg
Physical foundation of the BOLD effect and its application in neuroradiological imaging
- 21.06.2019 **Dr. Géza Gergely Ambrus**
Biological Psychology and Cognitive Neuroscience, Institute of Psychology, FSU Jena
Investigating face-identity processing using multivariate pattern analysis of EEG-ERPs
- 28.06.2019 **Prof. Laura Schreiber**
Department Imaging, Comprehensive Heart Failure Center Würzburg (DZHI)
Experimental Translational Imaging at 7T – from Brain to Heart
- 05.07.2019 **M.Sc. Andreas Masek**
Medical Physics Group, Institute of Diagnostic and Interventional Radiology, Jena University Hospital, Jena
Development of NMR Sequences
- 12.07.2019 **M.Sc. Renat Sibgatulin**
Medical Physics Group, Institute of Diagnostic and Interventional Radiology, Jena University Hospital, Jena
Magnetic susceptibility anisotropy of white matter: a case for an MS study

