



**ERWIN L. HAHN
CLINICAL NEUROIMAGING
WORKSHOP 2017**

and the

11TH ERWIN L. HAHN LECTURE

November 15th, 2017

OKTOGON | Halle A21
Zeche Zollverein | Schacht XII
Gelsenkirchener Str. 181 | 45309 Essen

Erwin L. Hahn Clinical Neuroimaging Workshop 2017

Session: Clinical Applications

Chair: Ulrike Bingel/Co-Chair: Matthias Brand

- 10:15 **Investigation of Cerebellar Ataxia using Quantitative Susceptibility Mapping**
Andreas Deistung, Universitätsklinikum Jena
- 10:30 **Improving the prediction of language laterality indices in 690 epilepsy patients using fMRI**
Martin Wegrzyn, Universität Bielefeld
- 10:45 **Neural correlates of cue-reactivity and craving in behavioral addictions: Internet-pornography-use disorder and buying disorder**
Patrick Trotzke, Universität Duisburg-Essen
- 11:00 **Using neuroimaging to understand early pathophysiology in Alzheimer's disease**
Nikolai Axmacher, Ruhr-Universität Bochum
- 11:15 Coffee Break

Session: Cognition

Chair: Matthias Brand/Co-Chair: Ulrike Bingel

- 11:45 **Biased to remember: On the neural correlates of declarative memory function and its relation to emotional memory schemas**
Indira Tendolkar, Radboud Universiteit, Nijmegen
- 12:00 **Neural correlates of cognitive and inhibitory control**
Stephanie Antons, Universität Duisburg-Essen
- 12:15 **Meta-analysis of neural correlates of placebo effects in healthy subjects**
Matthias Zunhammer, Universitätsklinikum Essen
- 12:30 **Neural correlates of acceptance and rejection of artificial social partners**
Astrid Rosenthal-von der Pütten, Universität Duisburg-Essen
- 12:45 Lunch

Session: Methods

Chair: Peter Koopmans/Co-Chair: Harald H. Quick

- 14:00 **Multiband in fMRI**
Christian Beckmann, Donders Institute, Nijmegen
- 14:15 **Calibration-free homogeneous pTx excitations with universal pulses: first results with the 8Tx/32Rx Nova head coil at 7T**
Nicolas Boulant, NeuroSpin, Paris
- 14:30 **T1p-based Dynamic Glucose-Enhanced MRI**
Patrick Schünke, DKFZ, Heidelberg
- 14:45 **7T and Tau-/Amyloid-PET in neurodegenerative diseases**
Jennifer Faber, DZNE, Bonn
- 15:00 **An 8/15-Channel Tx/Rx Head Neck RF Coil Combination with Semi-Dynamic B1 Shimming for Improved fMRI of the Cerebellum at 7T**
Viktor Pfaffenrot, Erwin L. Hahn Institute
- 15:15 **An investigation of cortical myelin organization in psychosis using 7 Tesla MRI**
Emma Sprooten, Donders Institute, Nijmegen
- 15:30 Coffee Break

Erwin L. Hahn Lecture

- 16:00 **How expectation shapes pain: Insights from brain and spinal cord neuroimaging**
Christian Büchel

University Medical Centre Hamburg-Eppendorf,
Department of Systems Neuroscience
- 17:00 Drinks