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
**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 Wegzyn, 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