

Modern Investigation Methods in Human Neuroscience

Tuesdays, 16:00 – 17:30

Venue: Seminarraum des Instituts für Biomagnetismus und Biosignalanalyse

19. Oktober 2010

Basics of MEG and Applications

Christo Pantev

26. Oktober 2010

Introduction to neuroscientific research: reasons and methods

Christian Dobel

2. November 2010

The most prominent event related potentials and how to evoke them

Christian Dobel

9. November 2010

Electroencephalography (EEG) and Evoked Potentials (EP)

Markus Junghöfer

16. November 2010

Stimulation, Recording Setup and Standard MEG Data Analysis

Andreas Wollbrink

23. November 2010

MEG/EEG Source Analysis

Carsten Wolters

30. November 2010

Physical Background and Basics of MRI und fMRI

Cornelius Faber

7. Dezember 2010

fMRI: Analysis and Applications

Bettina Pfleiderer

14. Dezember 2010

MR Spectroscopy

Harald Kugel

21. Dezember 2010

DTI: Investigation of the brain's microstructure by diffusion weighted MRI

Michael Deppe

11. Januar 2011

PET: Molecular Imaging of CNS

Andreas Jacobs

18. Januar 2011

Registration and Segmentation of Multimodal-Imaging

Carsten Wolters

25. Januar 2011

Pathogenetics of mental disorders; focus on imaging genetics

Katharina Domschke

1. Februar 2011

Methods of eye movement research

Markus Lappe

8. Februar 2011

Transcranial Magnetic Stimulation (TMS) – from a neuropsychiatric research tool to targeted brain stimulation for the treatment of psychiatric disorders

Peter Zwanzger