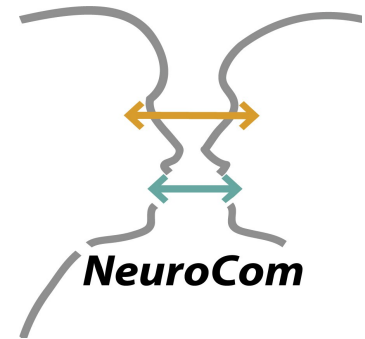


Lecture *Methods*

Course 2

Location

Max Planck Institute for Human Cognitive and Brain Sciences
Stephanstrasse 1A
Lecture Hall



May 27 09:15-10:45	Prof. Dr. Harald Möller (MPI CBS)	Structural MRI with contrast based on relaxation
11:00-12:30	Prof. Dr. Harald Möller (MPI CBS)	Diffusion-weighted MRI
June 3 09:15-10:45	PD Dr. Karsten Müller (MPI CBS)	Spatial processing of structural MRI data
11:00-12:30	PD Dr. Karsten Müller (MPI CBS)	Voxel-based morphometry (VBM)
June 10 09:15-10:45	Dr. Burkhard Maess (MPI CBS)	Generation and recording of EEG and MEG signals
11:00-12:30	Dr. Burkhard Maess (MPI CBS)	Basic analysis of event-related and spontaneous signal (including basic source modelling) I
June 17 09:15-10:45	PD Dr. Thomas Knösche (MPI CBS)	Analysis of diffusion-weighted imaging data (overview)
11:00-12:30	Dr. Burkhard Maess (MPI CBS)	Basic analysis of event-related and spontaneous signal (including basic source modelling) II
June 24 09:15-10:45	PD Dr. Thomas Knösche (MPI CBS)	Advanced source modelling
11:00-12:30	PD Dr. Thomas Knösche (MPI CBS)	Connectivity analysis
July 1 09:15-10:45	Juniorprof. Dr. Mario Hlawitschka (UL)	Computation and visualization of white-matter fiber tracts
11:00-12:30	Prof. Dr. Geric Scheuermann (UL)	Multimodal visualization of fibre tracts, MRI, fMRI, and EEG/MEG (with software demo)
July 8 09:15		Exam