

Lecture on Connectivity
Block Course
19 January – 21 January 2015

	19.01.2015	20.01.2015	21.01.2015
09:30 – 11:00	Dr. Daniel Margulies Introduction to connectivity	Dr. Thomas Knösche DCM - Dynamic Causal Modelling- (Neural mass model, Bayes)	Prof. Dr. Simon Eickhoff Meta-analytic approaches to mapping the brain, its connections and functions
11:00 – 11:15	Break	Break	Break
11:15 – 12:45	Dr. Alfred Anwander Anatomical connectivity	Dr. Burkhard Maess EEG & MEG - fingerprints of electrical brain activity (signal origin, forward, inverse model - beam former)	Prof Dr. Almut Schüz Cortico-cortical connections via the white matter: number of fibres, axon diameters and conduction times
12:45 – 13:30	Break	Break	Break
13:30 – 15:00	Prof. Dr. Gabriele Lohmann Fmri based connectivity	Dipl.-Phys. Maren Grigutsch MEG/EEG-Based Functional Connectivity	Dr. Manousos Klados Introduction to network analysis
15:00 – 15:15	Break	Break	Break
15:15 – 16:45	Dr. Daniel Margulies/ Estrid Jakobsen Hands on session	PD Dr. Karsten Mueller Psychophysiological Interaction (PPI) in SPM hands on session	Dr. Manousos Klados Hands on session

Organiser

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Venue

Max Planck Institute
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Lecture Hall

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