



IMPRS on Cognitive Neuroimaging
Module 2: Basic Courses
Basic EEG and MEG

06–21 May 2024

Date	Time	Topic	Lecturers	Venue
06 May	08.30 – 10.00	EEG/MEG: Signal origin, instrumentation	Prof. Thomas R. Koenesche Dr Burkhard Maess	MPI CBS Computer Training Room A412
	10.15 – 11.45	Signal processing: Filtering, artefacts, averaging		
	12.00 – 13.30	Localization of brain activity: forward & inverse model		
07 May	09.00 – 10.30	Practical MEG session	Prof. Thomas R. Koenesche Dr Burkhard Maess	Outstation Bennewitz MEG
	10.45 – 12.15			
	13:00 – 13:45	Introduction to software: MNE-Python		
13 May	09.00 – 10.30	MNE-Python for EEG/MEG data analysis	Prof. Thomas R. Koenesche Dr Burkhard Maess	MPI CBS, Computer Training Room A412
	10.45 – 12.15			
14 May	09.00 – 10.30	Practical EEG session	Prof. Thomas R. Koenesche Dr Burkhard Maess	MPI CBS EEG-Lab 4 A229 Kristiane Klein
	10.45 – 12.15			
15–20 May		Time for individual analysis of recorded EEG/MEG data sets		
21 May	09.00 – 10.30	Review and discussion of the individual analyses	Prof. Thomas R. Koenesche Dr Burkhard Maess	MPI CBS Computer Training Room A412

Organiser

International Max Planck Research School on Cognitive Neuroimaging (IMPRS CoNI)

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Credit Points

Participants have the possibility to receive 2 ECTS CPs. Conditions: 80% attendance and submission of homework (protocol of analysis of recorded data sets).

