

Measurement and analysis of structural and functional imaging data

Wednesdays, 1.15pm - 2.45pm, Wilhelm Wundt Room

09.4.2014	Short introduction to lecture series	J. Neumann
	Introduction to MR physics	R. Trampel
16.4.2014	Where are we now? Structural MRI for anatomical analysis & cortical mapping	P.-L. Bazin
23.4.2014	Introduction to functional MRI	J. Neumann
30.4.2014	NO LECTURE	
07.5.2014	Resting-state fMRI and graph-based methods for analyzing functional connectivity	A. Schäfer
14.5.2014	If you like it you should've put a p-value on it: statistical inference in neuroimaging	Ch. Gorgolewski
21.5.2014	Let's Diffuse and Explore the White Matter Microstructure	A. Anwander
28.5.2014	Tractography and the Art of Diffusion MRI	J. Schreiber
04.6.2014	From Art to Science: Diffusion MRI Group Studies	C. Steele
11.6.2014	NO LECTURE	
18.6.2014	MEG/EEG data analysis I (signal processing, decomposition, time-frequency analysis)	B. Maess
25.6.2014	MEG/EEG data analysis II (forward & inverse modeling, dynamic causal modeling)	Th. Knoesche
02.7.2014	NO LECTURE	
09.7.2014	Beyond BOLD: quantifying brain function through blood flow and metabolism	C. Gauthier
16.7.2014	Hybrid Brain-Computer Interfaces	J. Mehnert