



**IMPRS NeuroCom Lecture Series “Neuroimaging Physics & Signal Processing:
 Advanced MRI—Aspects of Proton Relaxation in Tissues” (Advanced Lecture)**
Block Course
21, 23, & 29 March 2018
MPI for Human Cognitive & Brain Sciences – Wilhelm-Wundt-Room
Harald Möller

	21-MAR-2018	23-MAR-2018	29-MAR-2018
09:00 – 10:30	—	T_2 —experimental aspects & relation to tissue composition	Magnetization transfer & binary spin-bath model
10:30 – 10:45	Break	Break	Break
10:45 – 12:15	—	T_1 — experimental aspects & relation to tissue composition	T_2^* & signal phase— experimental aspects & relation to tissue composition
12:15 – 13:00	Break	Break	Break
13:00 – 14:30	Classical description of magnetic resonance— Bloch equations	—	—
14:30 – 14:45	Break	Break	Break
14:45 – 16:15	Relaxation by dipolar coupling—BPP theory	—	—

Organiser

International Max Planck Research School on Neuroscience of Communication: Function, Structure, and Plasticity (IMPRS NeuroCom)

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Venue

Max Planck Institute for Human Cognitive and Brain Sciences
 Wilhelm Wundt Room

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• <http://imprs-neurocom.mpg.de/seminars-events/upcoming>