

GTC/External Electives - Computational Neuroscience  
 Course Plan Summer Term 2024 (lecture period: Apr 15 - Jul 27)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9	<b>Machine Learning for Neuroscience</b> Giese SR DZNE	<b>Probabilistic Machine Learning Lecture</b> Macke LH 21 KB	<b>Methodological Frontiers in the Cognitive Neurosciences</b> Himmelbach et al. SR DZNE SR	<b>Probabilistic Machine Learning Lecture</b> Macke (8-10) // LH 21 KB	
9 - 10				<b>Neuropsychology</b> Karnath (8-10) // LH Alte HNO (mandatory course NB program)	
10 - 11	<b>Recent Progress in Motor Systems</b> C. Schwarz, M. Giese (10-12) // HIH SR ----- <b>MRI-applications (Lecture)</b> Hagberg (10-12) // SR Radiology	<b>Sleep: Phenomena, Physiology and Function</b> Gais L&L 1.202/3 and LH KIKli	<b>Genetic and Molecular Basis of Neural Diseases II</b> Hedrich et al. (mandatory course CM program)	<b>Bionic Intelligence</b> Giese et al DZNE SR	<b>Theory-driven Computational Psychiatry</b> T. Hauser (10-12) // tba
11 - 12	<b>Understanding Vision Lecture</b> Zhaoping Li (10-12) // tba				<b>Probabilistic Machine Learning Exercises</b> Macke (10-12) // LH TTR2
12 - 13	<b>Evolutionary Cognitive Neuroscience</b> Nieder // LH N12 Bio E (mandatory course NB program) <b>Seminar Evolutionary Cognitive Neuroscience</b> Nieder // (14-16) // LH N12 Bio E (mandatory course NB program)		<b>MRI-appl. for Neuroscientific and Clinical Research (Seminar)</b> Hagberg (12-14) // MRZ SR	<b>Philosophy of AI</b> Wong, Genin Burse roon no. tba	<b>Sensory Systems II</b> Clark LH HNO and others
13 - 14					
14 - 15					
15 - 16	<b>Machine Learning for Neuroscience Exercises</b> (14-16) // SR DZNE				
16 - 17					
17 - 18					
18 - 20					

**Understanding Vision Seminar** (date and time will be discussed in the first lecture)

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