

Computational Neuroscience II – Data Analysis

Date	Lecturer	Lecture
23.04.2009	Amos Arieli	The physiological basis of LFP: from intracellular recordings to human neurophysiology I
30.04.2009	Amos Arieli	The physiological basis of LFP: from intracellular recordings to human neurophysiology II
07.05.2009	Arvind Kumar	Time-frequency analysis: Locating frequencies in the time domain
14.05.2009	Arvind Kumar	Measures of causality in continuous signals
28.05.2009	Uli Egert	Data mining in neuroscience
18.06.2009	Clemens Bousein	Detailed characterization of intracellular signals
25.06.2009	Sébastien Roux	Spike detection and spike sorting in extracellular data
02.07.2009	Carsten Mehring	Machine learning and classification I
09.07.2009	Carsten Mehring	Machine learning and classification II
16.07.2009	Ad Aertsen	Correlation analysis of neuronal spike train data