



3rd G-Node Winter Course in Neural Data Analysis

Munich March 7 - 11, 2011

The German Neuroinformatics Node (G-Node) organizes a practical data analysis course on a yearly basis to promote state-of-the-art methods of neural data analysis. It specifically addresses PhD students (2 ECTS) and young postdocs with either experimental or theoretical background.

The 2011 course will focus on electrophysiological data. The students will analyze synaptic transmission and reliability in intracellular recordings, spike train variability, transfer functions, and the time-resolved directional tuning of extracellular single unit recordings.

Faculty

- » Clemens Boucsein, ALU and BC Freiburg
- » Susanne Ditlevsen, Univ Copenhagen
- » Jan Grewe, LMU Munich
- » Martin Nawrot, FU and BCCN Berlin



Keywords

• synaptic transmission • spike train analysis • variability in neural signals • spectral analysis • tuning and decoding •

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