



# 4<sup>th</sup> G-Node Winter Course in Neural Data Analysis

**Munich March 5 - 9, 2012**

*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 2012 course will focus on electrophysiological data. The students will analyze synaptic transmission in intracellular recordings, spike train correlations, transfer functions, and the tuning and decoding of extracellular responses.*

## **Faculty**

- » Clemens Boucsein, Albert-Ludwigs-Univ & Bernstein Center Freiburg
- » Michael Denker, Forschungszentrum Jülich
- » Sonja Grün, Forschungszentrum Jülich & RWTH Aachen
- » Martin Nawrot, Freie Univ & BCCN Berlin

## **Keywords**

- synaptic transmission • spike correlation analysis •
- spectral analysis • tuning and decoding •

**Info:** [www.g-node.org](http://www.g-node.org) · **Contact:** [dataanalysis-course@g-node.org](mailto:dataanalysis-course@g-node.org)

