

# 1<sup>st</sup> G-Node Winter Course in Neural Data Analysis

**Munich Jan 26 – 30, 2009**

*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 (4 ECTS) and young Postdocs with either experimental or theoretical background.*

*The 2009 course will focus on cellular electrophysiology. The students will analyze synaptic transmission in intracellular voltage and current clamp recordings, and spike train variability and coding in extra-cellular recordings.*

## **Faculty**

- » Clemens Boucsein · ALU Freiburg
- » Alex Loebel · LMU Munich
- » Martin Nawrot · FU Berlin
- » Thomas Wachtler · PU Marburg / G-Node Munich



## **Keywords**

• synaptic transmission • quantal release • synaptic reliability • spike train analysis • neural variability • tuning • neural correlations •

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