



# 2<sup>nd</sup> G-Node Winter Course in Neural Data Analysis

**Munich March 1 - 5, 2010**

*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 2010 course will focus on electrophysiological data. The students will analyze synaptic transmission in intracellular recordings, spike train variability, spike correlation within parallel spike trains and the relation of spikes to local field potentials..*

## **Faculty**

- » Michael Denker, RIKEN BSI, Japan
- » Sonja Grün, RIKEN BSI, Japan
- » Alex Loebel, LMU and BCCN Munich
- » Martin Nawrot, FU and BCCN Berlin



## **Keywords**

• synaptic transmission and reliability • quantal release • spike train analysis • neural variability • neural correlations • phase analysis • local field potentials •

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