

# Fundamentals of Protein NMR

A hands-on PhD course (7.5 ECTS) on protein NMR

**Place** Swedish NMR Centre, University of Gothenburg

**Time** two intensive weeks: May 3-7 and 24-28, 2010

**Target group** PhD students with projects involving protein characterisations

**Organisers**

- Martin Billeter, Dep. of Chemistry, U. of Gothenburg
- Vladislav Orekhov, Swedish NMR Centre, U. of Gothenburg

**Information, registration** [www.lundberg.gu.se/nmr/courses](http://www.lundberg.gu.se/nmr/courses),  
[martin.billeter@chem.gu.se](mailto:martin.billeter@chem.gu.se), [orov@nmr.gu.se](mailto:orov@nmr.gu.se)

## Topics include:

- hands-on spectroscopy
- instrument knowledge
- basic concepts in NMR
- experiment setup
- processing of spectral data
- analysis of 2D/3D spectra
- resonance assignment
- structure determination
- protein characterisation: dynamics, ligand interaction ...



900 MHz @ Swedish NMR Centre

