



Ph. D. Grants

The University of Osnabrück continues the Ph.D. program *Synthesis and Characterisation of Surfaces and Interfaces assembled from Clusters and Molecules* financed by the Federal State of Niedersachsen. Starting April 2006, eleven doctoral fellowships (total grant Euro 1125.- per month plus social benefits) are available for the following projects for three years:

- **Electrode Surfaces Modified with mesoporous materials (Chemistry, Experiment)**
- **Characterization and chemical modification of surfaces and interfaces of colloidal nanocrystals (Chemistry, Experiment)**
- **Biosynthesis of a fibrillar biomaterial and characterization of its properties (Biology, Experiment)**
- **Magnetic properties of strongly frustrated low-dimensional spin systems (Physics, Theory)**
- **Non-collinear magnetic nanostructures (Physics, Theory)**
- **Theory of molecule-surface interaction (Physics, Theory)**
- **Investigation of Metal-Organic Compounds by X-Ray Spectroscopic Techniques (Physics, Experiment)**
- **Structure and dynamics of adsorbed colicin A proteins (Physics, Experiment)**
- **Characterisation and manipulation of single molecules on dielectric substrates (Physics, Experiment)**
- **Preparation and Characterization of Ferromagnetic Metal-Oxide Structures (Physics, Experiment)**
- **Molecular self-assembly on insulating surfaces (Physics, Experiment)**

Applicants should hold a diploma or master in biology, chemistry, physics or material science or a comparable degree. Highly motivated students, who are interested in interdisciplinary projects, are encouraged to apply. The working language of the program is English.

The University endeavours to employ a higher portion of female academic staff. Female candidates are therefore encouraged to apply and will be chosen if suitably qualified.

Physically handicapped applicants will take precedence if equally qualified.

Interested persons are invited to send their applications indicating the project of interest and containing the customary documents to the chair person of the Ph.D. program: Apl. Prof. Dr. J. Schnack, Fachbereich Physik, Universität Osnabrück, D-49069 Osnabrück, Germany, Email: jschnack@uos.de.

Review of applications will begin immediately and continue until the positions are filled. For detailed information see <http://www.physik.uni-osnabrueck.de/pp/>.