

Announcement & Invitation

Lecture on

Molecular Nanostructures

Prof. Dr. Bernd Büchner

Dr. Silke Hampel / Dr. Mark H. Rummeli / Dr. Thomas Mühl

WHERE? IFW Dresden, Helmholtzstr. 20, B3E.26

**WHEN? Friday, 2. DS (9:20 - 10:50)
First Lecture: April 16, 2010**

**WHO? Students of Nanobiophysics, Physics (main course),
Materials Science, PhD students**

The lecture will be given in English.

Topics:

- **High resolution microscopy (TEM, STM...)**
- **Chemical bonds in molecular nanostructures**
- **Synthesis and functionalisation of molecular nanostructures (example: carbon nanotubes)**
- **Physical properties and applications of molecular nanostructures**
- **Molecular magnetism**

