



The Graduate School Sfb658, integrated in the Dahlem Research School "Molecular Science", announces the first

Interdisciplinary Graduate Seminar 2010 "molecular switches at surfaces"

Date: 1st and 2nd March 2010, at 9:30

Place: Seminar Room 1.3.47

Physics Inst. FU-Berlin; Arnimallee 14, Berlin 14195

The seminar will deal with a variety of fundamental concepts, and experimental and theoretical methods, related to the chemistry and physics of molecules on surfaces.

The seminars are oriented to experimental and theoretical scientists, which perform their research in a field related to molecular science, at both pre-doctoral and post-doctoral level

The seminar is composed on a series of 8 lectures given by members of the Sfb 658.

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| T. Klamroth | U. Postdam | Quantum chemistry of molecular switches |
| P. Tegeder | FU-Berlin | Surface Photochemistry |
| C. Gahl | Max-Born Ins. | Basics and applications of UV/VIS spectroscopy |
| J.I. Pascual | FU-Berlin | Intramolecular dynamics of adsorbates probed by scanning tunneling microscopy |
| R. Haag | FU-Berlin | Functionalization of organic molecules |
| L. Grill | Fritz-Haber-Ins. MPG | Mechanisms of manipulating single molecules with a scanning tunneling microscope |
| S. Reich | FU-Berlin | Carbon nanotubes: Basic concepts and properties |
| A. Knorr | TU-Berlin | Theory of the optical dynamics of electronic excitations |