



International Max Planck Research School

# Complex Surfaces in Material Science

*Introductory Block Course*

## "Chemistry and Physics of Surfaces"

*October 01 - 05, and October 08 - 11, 2007*

*Fritz-Haber-Institut der Max-Planck-Gesellschaft  
Abteilung Chemische Physik, Seminarraum  
Faradayweg 16, 14195 Berlin (U Thielplatz)*

**An introduction into concepts and basic aspects of surface and interface science. Given by speakers from the Fritz-Haber-Institut der MPG in Berlin.**

**Open to all students, Ph.D. students, postdoctoral scientists and guests. You are welcome to attend - no registration required!**

	9:00 am - 10:30 am	11:00 am - 12:30 pm
Monday 01.10.07	A. Michaelides: An introduction to the theory of surfaces I	H.-J. Freund: Adsorption I
Tuesday 02.10.07	K. Horn: Experimental investigation of electronic structure I	A. Michaelides: An introduction to the theory of surfaces II
Thursday 04.10.07	K. Horn: Experimental investigation of electronic structure II	H.-J. Freund: Adsorption II
Friday 05.10.07	M. Scheffler: An introduction to the theory of surfaces III	M. Scheffler: An introduction to the theory of surfaces IV
Monday 08.10.07	K. Hermann: Surface crystallography I	T. Risse: Vibrational and rotational spectroscopy on surfaces
Tuesday 09.10.07	T. Risse: Vibrational and rotational spectroscopy on surfaces	K. Hermann: Surface crystallography II
Wednesday 10.10.07	F. Jentoft: Principles of heterogeneous catalysis	Markus Heyde: Atomic Force Microscopy
Thursday 11.10.07	N. Nilius: Scanning probe microscopy/spectroscopy	F. Jentoft: Principles of heterogeneous catalysis



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