

Speakers in the CeNS-Oberseminar, Sommersemester 2005

Date of Presentation	Speaker	Institute	Invited by	Title
15.04.2005	Prof. Hans-Jürgen Butt	Max-Planck-Institute for Polymer Research, Mainz	Prof. J. Rädler	Atomic force microscopy: Routine tool or emerging technique?
22.04.2005	Prof. Ulrich Bockelmann	Ecole Normale Supérieure, Paris	Prof. J. P. Kotthaus	Dynamics of the DNA duplex formation studied by single molecule force measurements
29.04.2005	Prof. Martin Müller	Universität Kiel	Dr. W. Fenzl and Prof. J. Rädler	Why do trees stand straight? - Mechanical properties of wood investigated with synchrotron radiation
13.05.2005	Dr. Alexander Rohrbach	European Molecular Biology Laboratory (EMBL), Heidelberg	Prof. E. Frey	The use of optical forces in Brownian systems
20.05.2005	Prof. Milena Grifoni	Universität Regensburg	Prof. J. von Delft and Prof. J. P. Kotthaus	Entanglement spectroscopy of a driven qubit and its detector
27.05.2005	Prof. Ulrich S. Schubert	Eindhoven University of Technology	Prof. J. Rädler	Nanolithography and nanochemistry: New approaches towards functional nanostructures
03.06.2005	Prof. Geoffrey Ozin	University of Toronto	Prof. T. Bein	Photonic Crystal Ball - Top Down or Bottom up: Which Way to Go
10.06.2005	Prof. Flemming Besenbacher	University of Aarhus	Prof. Ch. Bräuchle and Prof. J. Winterlin	Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM
17.06.2005	Prof. Michael Grunze	Universität Heidelberg	Prof. J. P. Kotthaus	Chemical Nanolithography
24.06.2005	Various Speakers			CeNS meets Industry
01.07.2005	Prof. Steffen J. Glaser	TU München	Dr. F. K. Wilhelm	Optimal Control of Coupled Spin Systems: From Nuclear Magnetic Resonance to Charge Qubits
15.07.2005	Prof. Edwin C. Constable	Universität Basel	Prof. B. Hermann	Bottom up self-assembly - or where chemistry meets physics