

Program

Sunday: Arrival at Kreuth in the afternoon, buffet-style dinner and time for informal discussions

	Monday 7.10.	Tuesday 8.10.	Wednesday 9.10.
7.30 - 8.20	Breakfast	Breakfast	Breakfast
8.20 - 8.30	Jörg P. Kotthaus, CeNS <i>Welcome and Introduction</i>		
8.30 - 9.10	Hermann Gaub, CeNS <i>Single Molecule Experiments by AFM-Related Techniques</i>	Branden Brough, UCLA <i>Motion control of bio-molecules in fluidics</i>	Arthur Gossard, UCSB <i>Metal-semiconductor nanostructures</i>
9.10 - 9.50	Kevin Plaxco, CNSI <i>Protein folding: the theory and application of a naturally-occurring, nm-scale self assembly process</i>	Jan von Delft, CeNS <i>Kondo effects in strongly correlated quantum dots</i>	Fritz Keilmann, CeNS <i>Optics on a nanometer scale</i>
9.50 - 10.30	Paul Leiderer, SFB 513 <i>Optical near field effects in nanostructuring and nanocleaning</i>	Dimitrios Fotiadis, BZ Basel <i>Atomic Force Microscopy of Native Membranes</i>	Gerd Ganteför, SFB 513 <i>Properties of mass-selected clusters: every atom counts</i>
10.30 - 11.00	Coffee/Tea	Coffee/Tea	Coffee/Tea
11.00 - 11.40	Jochen Feldmann, CeNS <i>Photonics with Functionalized Nanoparticles</i>	Evelyn Hu, CNSI <i>Quantum Dots and microcavities: a harmonious match</i>	Andrew Cleland, CNSI <i>Nanomechanical Systems Probed by Electron Tunneling</i>
11.40 - 12.20	David Awschalom, CNSI <i>Spin Gating and Nuclear Imprinting in Semiconductor Nanostructures</i>	Christoph Bräuchle, CeNS <i>Single Virus Tracing: Observation of a single dye-labelled virus on its infection pathway into a living cell</i>	Thomas Bein, CeNS <i>Functional Nanostructures in designed spaces</i>
12.30 - 14.00	Lunch	Lunch	Lunch
14.00	Teun Klapwijk, DIMES	Hiking tour	Departure

14.40 -	<i>Conduction in Organic Molecular Crystals: a Progress report</i>	(17.00: meeting of the Advisory Board)	
14.40 -	Martin Bastmeyer, Jena <i>Cell behaviour on 15.20 micropatterned substrates</i>		
15.20 -	Joachim Rädler, CeNS <i>Self-assembly of lipid/DNA 16.00 nanostructures</i>		
16.00 -	Coffee/Tea		
16.30 -	Martin Stolz, BZ Basel <i>Nanotechnology in Medicine: 17.10 Moving from the Bench to the Patient</i>		
17.10 -	Hsian-Rong Tseng, CNSI <i>From Molecular Recognition and Self-Assembly via 17.50 Molecular Electronics to NanoElectroMechanical Systems</i>		
18.30 -	Conference Dinner	Dinner	
20.00		Poster Session	
20.00 -			
22.00			