

General Schedule

Saturday, 22 February	
Afternoon	Arrival from Munich, conference bus
19.00 - 20.00	Registration for the Internal Students' Seminar
20.00	Informal Discussions for CeNS students, drinks and food are supplied
Sunday, 23 February	
All day	Internal Seminar for CeNS students (details to be announced)
Monday, 24 February	
8.30	Opening
8.45 - 9.45	Cees Dekker Carbon nanotubes as model systems for science and applications
9.45 - 10.45	Ulf Diederichsen Molecular architecture with biooligomers
10.45 - 11.15	Coffee Break
11.15 - 12.15	Wolfgang Parak Biological Applications of Colloidal Nanoparticles
12.15	Lunch & informal discussions
17.00	Coffee
17.15 - 18.15	Viola Vogel Mechano-Chemical Sensing
18.15 - 19.15	Stefan Thalhammer Atomic force microscopy and laser microdissection as tools for life sciences
Evening	19.30 Conference Dinner
Tuesday, 25 February	
8.30	--
8.45 - 9.45	Ned Seeman Structural DNA Nanotechnology
9.45 - 10.45	Jens Michaelis Viral DNA packaging - Single molecule studies of a unique molecular motor

10.45 - 11.15	Coffee Break
11.15 - 12.15	Ulrich Zülicke Spintronics with semiconductor nanowires
12.15	Lunch & informal discussions
17.00	Coffee
17.15 - 18.15	Hans Hennig von Gruenberg Many-body interactions and correlations in colloidal suspensions
18.15 - 19.15	Posters I
Evening	
Wednesday, 26 February	
8.30	--
8.45 - 9.45	Uri Sivan Molecular Electronics - the Gap between Devices and Circuits plus Some Lessons
9.45 - 10.45	Christof Niemeyer Semisynthetic DNA-Protein Conjugates: Novel Tools in Life-Sciences and Nanobiotechnology
10.45 - 11.15	Coffee Break
11.15 - 12.15	Siegfried Engelbrecht ATP Synthase - a molecular machine (movies and recent papers included) (32 MB)
12.15	Lunch & informal discussions
17.00	Coffee
17.15 - 18.15	Julio Fernandez Protein mechanics: a new paradigm for understanding protein function
18.15 - 19.15	Marileen Docterom Force generation by single microtubules
Evening	--
Thursday, 27 February	
8.30	--
8.45 - 9.45	Steven Quake Title to be announced
9.45 - 10.45	Bianca Hermann Self-Assembled and Self-Ordered Monolayers of Large Molecules on surfaces Investigated with STM

10.45 - 11.15	Coffee Break
11.15 - 12.15	Petra Schuille Confocal detection and beyond: On the look-out for single molecules
12.15	Lunch & informal discussions
17.00	Coffee
17.15 - 18.15	Joachim Spatz Title to be announced
18.15 - 19.15	Posters II
Evening	
Friday, 28 February	
8.30	--
8.45 - 9.45	Gerhard Schütz Ultra-sensitive Microscopy to image molecular processes in living cells
9.45 - 10.45	Roland Netz Static and Dynamic Aspects of Charged Surfaces
10.45 - 11.15	Coffee Break
11.15 - 12.15	--
12.15	Lunch & informal discussions
17.00	Coffee
17.15 - 18.15	Silvano de Franceschi Electron spins in semiconductor quantum dot structures
18.15 - 19.15	Peter Fromherz Interfacing Ion Channels and Electron Channels
Evening	--
Saturday, 1 March	
Morning	Departure to Munich, conference bus