

	Monday March 6, 2017	Tuesday March 7, 2017	Wednesday March 8, 2017	Thursday March 9, 2017	Friday March 10, 2017
Morning (9:00-12:00)	<p>Welcome (10min)</p> <p>S. Mann: Nanophotonic engineering for high efficiency optoelectronic devices (50min)</p> <p>10h00 Coffee break (30 min)</p> <p>M. Tchernycheva: Flexible optoelectronic devices based on nitride nanowires (50min)</p> <p>V. Piazza Correlated electroluminescence, cathodoluminescence and electron beam induced current mapping of core-shell nanowire InGaN/GaN LEDs (30 min)</p>	<p>H.-W. Fink: Holography with Low-Energy Electrons: a Tool for Single Molecule Structural Biology (50min)</p> <p>9h50 Coffee break (30 min)</p> <p>P. Barran: Unravelling the complexity of disordered proteins with Ion Mobility Mass Spectrometry (50min)</p> <p>C. Masellis: Combining ion mobility and cryogenic ion spectroscopy for the structural characterization of oligosaccharides (30min)</p>	<p>M. Ceriotti: Machine Learning for Materials and Molecules: (50min)</p> <p>9h50 Coffee break (30 min)</p> <p>B. Roldan: <i>Operando</i> Nanocatalysis: Size, Shape and Chemical State Effects (50min)</p> <p>R. Beck: Gas/Surface Reaction Dynamics Probed by Quantum State Resolved Molecular Beam Experiments (50min)</p>	<p>L. Ghiringhelli: Big Data of Materials Science: Critical Role of the Descriptor (50 min)</p> <p>9h50 Coffee break (30 min)</p> <p>A. Senocrate: The nature of ion conduction in methylammonium lead iodide (30 min)</p> <p>A. Radenovic: Controlled Translocation of a DNA-Protein Complexes through a Glass Nanocapillary (50min)</p>	<p>F.R.Fischer: Design, Synthesis, and Exploration of Quantum Confinement Effects in Organic Nanostructures (50min)</p> <p>9h50 Coffee break (30 min)</p> <p>A.Roslawska: Exciton emission from organic materials imaged with nanosecond and nanometer resolution: (30min)</p> <p>A.Wodtke: Mid-infrared laser-induced fluorescence with nanosecond time resolution using a superconducting nanowire single photon detector: New technology for molecular science (50min)</p>
Lunch	12:00-13:30	12:00-13:30	12:00-13:30	12:00-13:30	12:00-13:30
Afternoon (14:00-18:00)	<p>J. Spatz: Mechanotransduction in Collective Cell Migration and its Synthetic Mimic (50min)</p> <p>P. Fischer: Artificial Active Systems (50min)</p> <p>15h40 Coffee break (30 min)</p> <p>M. Lingenfelder: BioNanoarchitectonics: functional nanostructures that build themselves (50min)</p> <p>Zhujun Wang: The stacking sequence of graphene revealed by <i>in-situ</i> SEM observation of CVD growth and hydrogen etching (30min)</p> <p>17h30 Quick Poster presentations</p>	<p>N. Koch: Molecular donors, acceptors, and switches as agents to control electron energy levels at interfaces (50min)</p> <p>M. Mayor: E-Field Triggered Single-Molecule Switches (50min)</p> <p>15h40 Coffee break (30 min)</p> <p>Y. Kim: Single-molecule emission/absorption spectroscopy with STM and real-space investigation of intermolecular energy transfer (50min)</p> <p>P. Merino: Nanoscale mapping of exciton traps in solid C₆₀ (30min)</p> <p>M. Etzkorn: Interaction between a magnetic molecule and a superconductor: Mapping in-gap states of extended scatterers (30min)</p>	<p>Excursion</p> <p>Visit of the Monte Verità site</p> <p>15h40 Coffee break (30 min)</p> <p>Workshops and topical discussions organized in small groups</p> <p>18h30 Quick Poster presentations</p>	<p>G. von Helden: The structures of amino acid and peptide aggregates studied by IR spectroscopy (50min)</p> <p>M. Marianski: Structural determination of molybdenum oxide nanoclusters present in early condensation stages (30min)</p> <p>15h20 Coffee break (30 min)</p> <p>C. Baldauf: Describing the structure and dynamics of carbohydrates represents a challenge to molecular simulation</p> <p>S. Rauschenbach: Electro spray Ion Beam Deposition of Proteins, Peptides, and Sugars: Macromolecular Structure Revealed by STM (30min)</p> <p>S. Abb: Peptide-metal coordination to steer the conformation on the surface (30min)</p>	<p>Concluding remarks</p> <p>Departure</p>
Dinner	19:00-20:30	19:00-20:30	19:00-20:30	19:00-20:30	
Evening (20:30-22:30)	Poster session I (odd numbers)	Poster session I (cont'd)	Poster session II (even numbers)	Poster session II (cont'd)	