

## Final Program

Wednesday, 13 June		Thursday, 14 June		Friday, 15 June	
9:15	Registration	9:00	Lukas Novotny (ETH Zurich, CH) Near-field Raman Spectroscopy of Nanocarbon Materials	9:00	Katrin Domke (Max Planck Institute for Polymer Research, Mainz, D) Molecular insight into solid/liquid interfaces with nearfield and nonlinear Raman spectroscopies
9:45	Opening Remarks	10:00	Ute Schmidt (WiTEC, Ulm, D) Correlative Microscopy: Raman Imaging meets AFM, SNOM and SEM	9:45	Renato Zenobi (ETH Zurich, CH) Principles and Applications of Tip-Enhanced Raman Spectroscopy
10:00	Hans Kuzmany (University of Vienna, A) Raman scattering - An analytical tool in condensed matter science	10:45	Coffee Break	10:45	Coffee Break
10:45	Coffee Break	11:15	Junior Talk – Kang Soo Lee Raman spectroscopy to enable automated live sorting of isotopically labeled microbial cells for genomics and ecology	11:15	Junior Talk – Sebastian Heeg Raman spectroscopy of individual confined linear carbon chains
11:15	Ralph Spolenak (ETH Zurich, CH) Stress Analysis by means of Raman Spectroscopy	11:45	Jens Kreisel (Luxembourg Institute of Science and Technology, L) Strain & phase transitions in oxide heterostructures and ultrathin films	11:45	Naresh Kumar (National Physical Laboratory, Teddington, UK) Molecular Mapping Beyond Diffraction Limit using Tip-enhanced Raman Spectroscopy
12:15	Lunch Break	12:30	Lunch Break	12:30	Lunch Break
13:30	Sebastian Schlücker (University of Duisburg-Essen, D) Surface-Enhanced Raman Spectroscopy: Fundamentals and Applications in Biomedical Imaging and Chemical Energy Conversion	13:30	Roberto Lorenzi (University of Milano-Bicocca, I) Identification of a new defect in diamonds: application of Raman spectrometers beyond Raman scattering	13:30	Martin Hulman (Slovak Academy of Sciences, Bratislava, SK) Raman spectroscopy of low-dimensional carbon materials
14:15	Ingrid De Wolf (IMEC, KU Leuven, B) Mechanical stress measurements in microelectronics technology using Raman spectroscopy: from 3D-stacked chips to finfets	14:15	Junior Talk – Mads Weber More than phonons: probing electronic transitions by wavelength-dependent Raman scattering	14:15	Lisa Wilke (Robert Bosch GmbH) Applications of Raman spectroscopy in an industrial environment
15:00	Coffee Break	14:45	Tomas Edvinsson (Uppsala University, S) In-operando Raman spectroscopy for analysis of catalysis and solar fuel processes	14:45	ScopeM and BRNC presentation
15:20	Instrument Demos	15:30	Coffee Break	15:15	Concluding Remarks
16:20	Instrument Demos	16:00	Interactive Session		
17:20		17:30	Networking Apero		
		19:00			