

Time	Monday, 26.01.2015	Tuesday, 27.01.2015	Wednesday, 28.01.2015	Thursday, 29.01.2015	Friday, 30.01.2015
8:30 9:00	K. Dholakia Optical Angular Momentum Transfer to Trapped Particles in Vacuum	P. Russell Flying particle sensors in hollow-core photonic crystal fibre	C. Denz Dielectrophoretic and photophoretic control of liquids	J. Käs Thermorheology of Living Cells — Impact of Temperature Variations on Cell Mechanics	H. Rubinsztein-Dunlop Optical Angular Momentum of Light in Laser Micromanipulation and Applications
9:00 9:30	R. Quidant Nano-Optical Trapping: Recent developments and applications to quantum physics	P. Reece Surface plasmon resonance spectroscopy combined with optical tweezers for nanoscale sensing applications	G. Cipparrone Soft matter based chiral optomechanics	D. McGloin Characterising Conical Refraction Optical Tweezers	D. Ou-Yang Determination of Colloidal Osmotic Equilibrium of State by Optical Trapping
9:30 10:00	Y. Roichman Collective Excitations of Hydrodynamically Coupled Driven Colloidal	M. MacDonald Non-conservative acoustic manipulation	P. Ormos Conditions of Rotaion Driven by Light with no Angular Momentum	K. Volke-Sepulveda Optical trapping: from the study of complex dynamical systems to spatial optical solitons	M. Goksör Glycolytic oscillations in single yeast cells
10:00	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>
10:30 10:45	L. Oddershede Simultaneous three-dimensional photodiode tracking of multiple traps and biological applications	G. Wuite STED nanoscopy combined with optical tweezers reveals protein dynamics on densely covered DNA	H. Bachor Optical manipulation of neuronal function	P. Ferraro Manipulating and displaying the matter in 3D	M. Dienerowitz Measuring Inter-Bacterial Forces with Holographic Tweezers
10:45 11:00					M. Taylor Engineered optical trapping forces with Mie scattering interferometry
11:00 11:15	D. B. Phillips Fabricating Microscopic Tools for Imaging, Force Sensing and Actuation	R. W. Boyd Optical Forces in "Slow-"and "Fast-Light" Media	T. Perkins Laser-guided AFM: Improved Single Molecule Force Spectroscopy	P. Zemanek Behaviour of Nonspherical Particles in Laser Beams	J. Saenz Controlling dispersion forces between small particles with artificially created random light fields
11:15 11:30					M. Cronin-Golomb Scanning Traction Microscopy
11:30 11:45	R. Di Leonardo Holographic fabrication of 3D microstructures for bacteria-assisted delivery of colloidal cargoes.	A. Rohrbach About fast optical traps and fast probe fluctuations in fast biological processes	S. Ha Fabrication and Surface Functionalization of Highly Birefringent Rutile Particles for Use in an Optical Torque Wrench	A. Farre Force measurements with optical tweezers inside living cells	A. Dogariu Non-conservative optical action
11:45 12:00			T. Freegarde Optically-driven actuators using flexible photonic crystals	A. Kirby Optical sculpting of ultra-low interfacial tension oil-in-water emulsion droplets	
12:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch / Departure</i>
15:30	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	<i>Coffee & Tea</i>	
16:00 16:30	E. Martin-Badosa Force detection on non-spherical samples with holographic optical tweezers	D. Cojoc Optical Tweezers for Local Stimulation of Neuronal Cells in vitro		T. Cizmar Multimode Fibres: Seeing through chaos	
16:30 16:45	G. Thalhammer Direct measurement of axial optical forces	G. Sitters Acoustic Force Spectroscopy		M. Edgar Real-time Infrared Video from a Pixel	
16:45 17:00	E. Botvinick Mapping Mechanical Properties of the Extra Cellular Matrix Surrounding Cells Cultured in 3D	N. Osterman Thermo-optical Broom for Rapid Biomolecular Accumulation		E. Karimi Holographic Electron Beam Shaping	
18:00	<i>Dinner</i>	<i>Dinner</i>		<i>Dinner</i>	
19:00 21:00	Poster Session I	Poster Session II	<i>Conference Dinner</i>		