



OWLS 2012

ORGANISING COMMITTEE

Alberto Diaspro, Istituto Italiano di Tecnologia and University of Genoa, Italy
Francesco Baldini, National Research Council, Florence, Italy
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Federico Tixi, Istituto Italiano di Tecnologia, Genova, Italy
Cesare Usai, National Research Council, Genova, Italy

PROGRAM

Alberto Diaspro, Istituto Italiano di Tecnologia and University of Genoa, Italy
Silvio Aime, University of Turin, Italy
Francesco Baldini, National Research Council, Florence, Italy
Gert von Bally, University of Muenster, Germany
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Halina Rubenstein-Dunlop, University of Queensland, Australia
Hans-Jochen Foth, Technical University of Kaiserslauter, Germany
Min Gu, Swinburne University, Australia
Partha Pratim Mondal, Indian Institute of Science, Bangalore, India
Stephen Morgan, University of Nottingham, UK
Colin JR Sheppard, National University of Singapore, Singapore
Cesare Usai, National Research Council, Genova, Italy

Parallel Sessions

11.45 - 12.30	Scirocco - Libeccio Room Sted Microscopy II <i>Chair: B. Harke</i> Paolo Bianchini <i>Istituto Italiano di Tecnologia, Genoa, Italy</i> Single wavelength 2PE-STED nanoscopy. Brian R. Rankin <i>Mobius Photonics, CA, USA</i> A new laser for STED Jay R. Knutson <i>National Institutes of Health, USA</i> A new class of low-power probes for multicolor nanoscopy.	Ponente Room Novel Techniques <i>Chair: E. Gratton</i> Cristophe Silien <i>University of Limerick, England</i> Chemical Imaging with Super Resolution Infra-Red Absorption. P. Nandakumar <i>BITS Pilani K. K. Birla Goa Campus, India</i> Laser scanning photothermal microscopy. William M. Whelan <i>Atlantic Veterinary College, Canada</i> Frequency spectrum analysis in photoacoustic tissue characterization.
12.30 - 13.00	Peter Saggau <i>Baylor College, Texas, USA</i> Advanced Optical Imaging for Reverse-Engineering the Brain Chair: B. Harke	Ari T. Friberg <i>National Institute of Advanced Industrial Science and Technology (AIST), Japan</i> Classical Ghost Imaging of Phase Objects and through Phase Aberrations Martijn Stoppel <i>University of Twente, Netherlands</i> Room temperature excitation spectroscopy of single quantum dots
13.00 - 15.00	Lunch, posters, exhibition, Job corner.	
15.00 - 15.30	Scirocco - Libeccio Room Maria Garcia Parajo <i>ICFO- Institut de Ciències Fotoniques Barcelona, Spain</i> Cell surface nanoscopy using single molecule optical nanotools <i>Chair: M. Heilemann</i>	Ponente Room
15.30 - 16.00	EBSA Lecture Andreas Zumbusch <i>Universitat Konstanz, Germany</i> Coherent anti-Stokes Raman Scattering microscopy of intracellular dynamics <i>Chair: M. Heilemann</i>	