

2ND NIC@IIT NANOSCOPY 2.0

PRACTICAL WORKSHOP on ADVANCED MICROSCOPY 1-4 December 2015

the Steering Committee: A. Diaspro, P. Bianchini, F. Cella Zanacchi, G. Vicidomini, CJR Sheppard



Tuesday 1st, 14.00 to 19.00 KEYNOTE LECTURES

Sala delle Grida - City Center - Piazza De Ferrari, Genova

- **Sara Abrahamsson**, Rockefeller University, USA
Functional neuronal imaging in 3D using multifocus microscopy (MFM)
- **Colin JR Sheppard**, Istituto Italiano di Tecnologia, Italy
Image scanning microscopy.
- **Gail McConnell**, University of Strathclyde, UK
New applications of classical optics in biomedical imaging.
- **Silvia Galiani**, University of Oxford, UK
Super-resolution microscopy of peroxisomal protein import processes
- **Luca Lanzaò**, Istituto Italiano di Tecnologia, Italy
SPLIT: encoding and decoding space and time for fast, background-free nanoscopy
- **Chiara Cordiglieri**, Fondazione I.R.C.C.S. Istituto Neurologico Carlo Besta, Italy
Neuroimmunology under the eye of structured illumination
- **Laura Cancedda**, Istituto Italiano di Tecnologia, Italy
Cellular environment: snapshots from brain development.
- **Martin Oheim**, École des Neurosciences Paris Île de France, France
Dependence of descriptors of co-clustering and co-localization on spatial and temporal resolution.



Camera di Commercio
Genova

Wednesday 2nd, 12:00 SPONSORED SEMINAR

Montalcini room, 1 floor

Sloan Garreth, Andor Technology, Camera technologies applicable for microscopy

Wednesday 2nd to Friday 4th PRACTICAL WORKSHOP

Nikon Imaging Center, -1 floor

- | | |
|---|---------------------------------------|
| N1: Nikon A1 spectral confocal | N6: IIT custom IML-SPIM |
| N2: IIT custom 2C 3D pulsed STED | N7: Nikon A1R MP + PicoQuant FLIM/FCS |
| N3: Nikon multicolor 3D N-STORM | N8: IIT custom gSTED |
| N4: Fast Confocal - Nikon spinning disk | N9: Nikon Time lapse |
| N5: Nikon N-SIM | N10: SPLIT, FCS, polarization, phase |

	Wednesday 2nd			Thursday 3rd			Friday 4th	
	9 - 12	13.30 - 16.30	17 - 18.30	9 - 12	13.30 - 16.30	17 - 18.30	9 - 10.30	11 - 12.30
G1	N1	N2	N3	N4	N5	N6	N7	N8
G2	N3	N4	N2	N6	N7	N5	N9	N1
G3	N7	N8	N1	N2	N3	N4	N5	N9
G4	N9	N10	N8	N7	N2	N3	N6	N5
G5	N5	N6	N7	N8	N1	N10	N3	N4
G6	N4	N5	N9	N10	N8	N1	N2	N3

For this event there are NO registration fees. Keynote lectures are open to interested people.

Practical sessions require a registration since we have a limited number of seats (30).

Registrations to "lauretta.galeno@iit.it" (in copy to "alberto.diaspro@iit.it" and "manuela.salvatori@iit.it") - mandatory subject "2nd NIC at IIT practical workshop"

