



4° WORKSHOP di

Tecniche Avanzate di Microscopia per la Ricerca e la Clinica

Aula Gialla, Polo Didattico della Scuola di Medicina e Chirurgia
AOU San Luigi Gonzaga - Regione Gonzole 10, Orbassano (TO)



5 giugno 2015
ore 9:30 - 17:30



From Micro to Nano **The "1000 Miglia" Race** **in the Infinitely Small**



Super-resolution Microscopy
(SIM - STORM - PALM - STED)

Fast and High Sensitivity
Super-Resolution Confocal
Microscopy

Light Sheet Fluorescence
Microscopy

FISH Analysis and
Micromanipulation in
Medically Assisted Procreation



Per informazioni:

Dott.ssa Eliana Trapani, Tel.: 011.6706426,
e-mail: eliana.trapani@unito.it

h.09.30-10.00

Prof. Saverio Francesco Retta

Dip. Scienze Cliniche e Biologiche, Università di Torino
From Micro to Nano:
the "1000 Miglia" race in the infinitely small

h.10.00-10.30

Francesco Viviani e Nadia Gionchiglia

Biotechnologie Mediche, Università di Torino
Glowing animals: the story of a fluorescent protein

h.10.30-11.30

Dott. Alessandro Cometta - Carl Zeiss S.p.A.

Airyscan: fast and high sensitivity
Super-Resolution Confocal Microscopy

h.11.30-12.30

Dott. Alessandro Di Nicola - Carl Zeiss S.p.A.

New applications for the analysis of the interface
between biology and materials science

h.12.30-13.30

Dott. Marco Capris

Biologist and Microscopy Consultant
FISH Analysis and Micromanipulation
in Medically Assisted Procreation (MAP)

h.14.30-15.30

Dott. Tommaso Cerullo - Leica Microsystems Srl

STED and single-molecule microscopy: how to
circumvent the diffraction limit and win the Nobel
Prize in Chemistry for 2014

h.15.30-16.30

Dott.ssa Elisa De Luca

*Centro per le Nanotecnologie Biomolecolari, Istituto
Italiano di Tecnologia, Arnesano, Lecce*
Nanoscopic fluorescent imaging: breaking the
diffraction barrier with super-resolution microscopy

h.16.30-17.30

Dott. Tommaso Cerullo - Leica Microsystems Srl

Shaping light in sheets: Light Sheet Fluorescence
Microscopy (LSFM) appointed method of the year
2014 by Nature Methods