

**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****1000  
MIGLIA****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

Per informazioni:

Dott.ssa Eliana Trapani, Tel.: 011.6706426,

e-mail: eliana.trapani@unito.it