



**UNIVERSITÀ
DI TORINO**

Department of
Clinical and
Biological Sciences

18 May 2023

School of Medicine and Surgery

"San Luigi" Didactic Center
(green classroom)

Regione Gonzole 10, Orbassano (TO)

Elective Didactic Activity

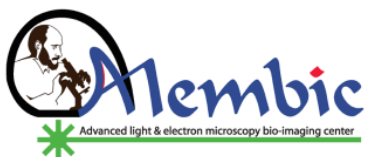
(In-person seminars
and live webinars)

Organizers:

Prof. Saverio Francesco Retta
Dr. Andrea Perrelli

Information/Registration at:

andrea.perrelli@unito.it



ISTITUTO ITALIANO
DI TECNOLOGIA
CENTER FOR BIOMOLECULAR
NANOTECHNOLOGIES



CENTER FOR CULTURAL
HERITAGE TECHNOLOGY

12th Workshop of Advanced Microscopy Techniques for Biomedical Applications

09:15-11:00 Prof. S. Francesco Retta

*Department of Clinical and Biological Sciences,
University of Torino, Torino, Italy*

**From micro to nano: breaking the
diffraction barrier**

11:15-13:00 Prof. S. Francesco Retta

*Department of Clinical and Biological Sciences,
University of Torino, Torino, Italy*

**Glowing proteins: guiding stars for
biosciences**



CCM ITALIA

La community Italiana per Le
Malformazioni Cavernose Cerebrali
Acting locally. cooperating globally



AIAC Associazione Italiana
Angiomi Cavernosi Onlus





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19 May 2023

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CENTER FOR CULTURAL
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12th Workshop of Advanced Microscopy Techniques for Biomedical Applications

09:30-11:30 Dr. Elisa De Luca

*Center for Biomolecular Nanotechnologies (CBN),
Italian Institute of Technology (IIT), Lecce, Italy*

**Optical Nanoscopy: super resolution
microscopy and recent trends for
biomedical imaging**

11:45-13:00 Dr. Mauro Moglianetti

*Centre for Cultural Heritage Technology (CCHT),
Italian Institute of Technology (IIT), Venice, Italy*

**X-ray, cells and the nano-world: new
emerging techniques to shed light on
complex phenomena**



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**UNIVERSITÀ
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Department of
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Biological Sciences

25 May 2023

School of Medicine and Surgery

"San Luigi" Didactic Center
(green classroom)

Regione Gonzole 10, Orbassano (TO)

Elective Didactic Activity

(In-person seminars
and live webinars)

Organizers:

Prof. Saverio Francesco Retta

Dr. Andrea Perrelli

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ISTITUTO ITALIANO
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CENTER FOR BIOMOLECULAR
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CENTER FOR CULTURAL
HERITAGE TECHNOLOGY

12th Workshop of Advanced Microscopy Techniques for Biomedical Applications

09:00-10:00 Prof. Stefania Raimondo

*Department of Clinical and Biological Sciences,
University of Torino, Torino, Italy*

**The power of Transmission Electron
Microscopy imaging**

10:00-11:00 Dr. Cesare Covino

*ALEMBIC - Advanced Light and Electron
Microscopy Bio-Imaging Center, HSR, Milano, Italy*

**Advanced Light Microscopy: Bio-Imaging by
Single-Photon and Two-Photon Microscopy**

11:15-12:15 Dr. Souvik Kar

*INI, International Neuroscience Institute,
Hannover, Germany*

**Immunohistochemical analysis of human
brain tumors and cerebrovascular diseases**



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25 May 2023

School of Medicine and Surgery
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Regione Gonzole 10, Orbassano (TO)

Elective Didactic Activity
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Organizers:

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Dr. Andrea Perrelli

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12th Workshop of Advanced Microscopy Techniques for Biomedical Applications

14:30-15:30 Dr. Emma Norris, Ph.D.
Microscopy Specialist

*Center for Advanced Light Microscopy &
Nanoscopy, CART / Center for Advanced
Research Technologies*

University of Rochester, Rochester, USA

**Optical characterization of collagen
microstructure in acoustically-
modified hydrogels**



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ROCHESTER
MEDICAL CENTER

