



10th Workshop of Advanced Microscopy Techniques for Biomedical Applications

25 May 2021

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

Elective Didactic Activity
(Free Webinars)

Live webinars organized by
Prof. Saverio Francesco Retta

For information and
registration, please contact:
andrea.perrelli@unito.it

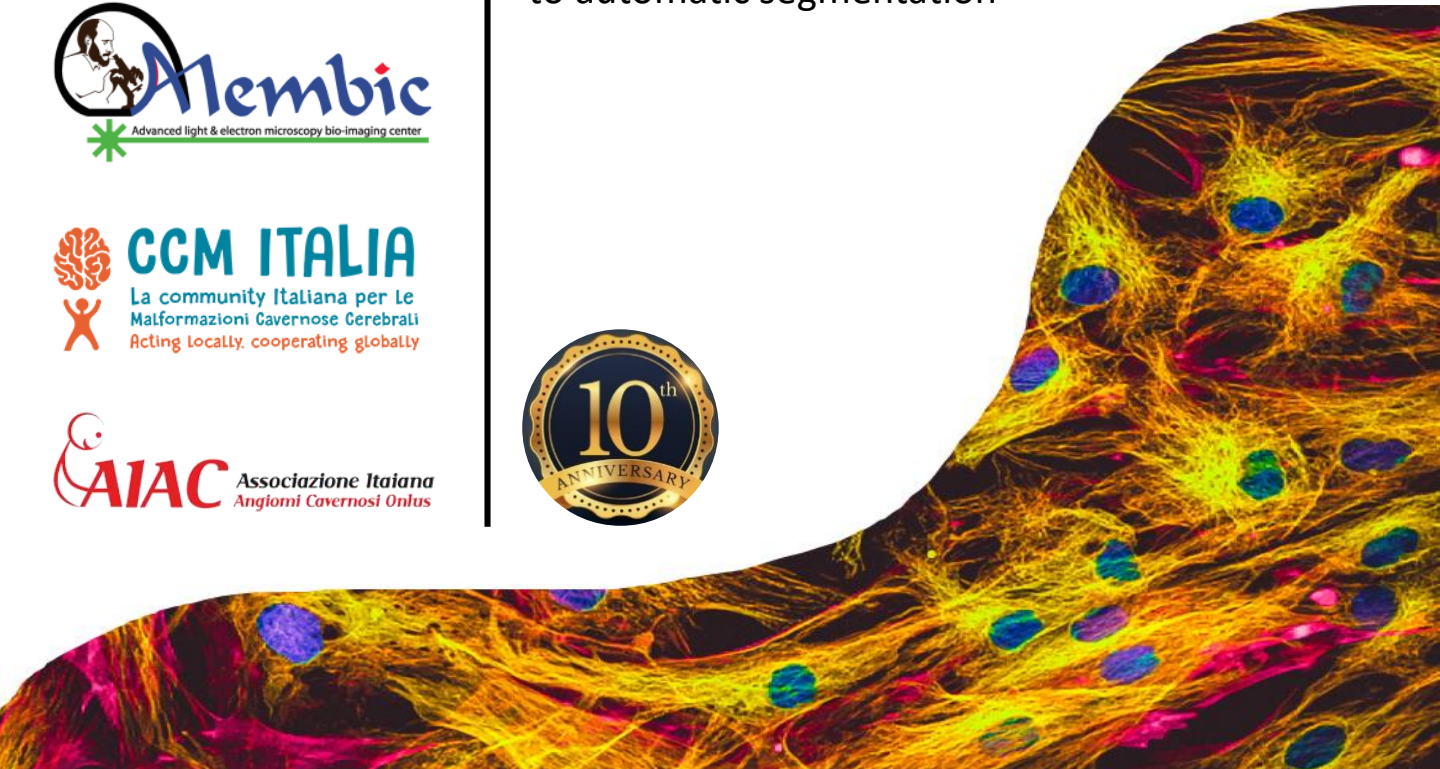


9:30-10:00 Prof. Francesco Retta (DSCB, UniTo)
Introduction

**10:00-11:00 Dr. Souvik Kar (INI, International
Neuroscience Institute, Hannover, Germany)**
Immunohistochemical investigation of human
brain tumors and cerebrovascular diseases

**11:00-12:00 Dr. Elisa De Luca (IIT - Center for
Biomolecular Nanotechnologies, Lecce, Italy)**
Fluorescence Nanoscopy: breaking the diffraction
barrier for biomedical imaging

12:00-13:00 Dr. Valentina Cerrato (NICO, UniTo)
In vivo clonal analyses to study the ontogenesis of
cerebellar astrocytes: from confocal microscopy
to automatic segmentation





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**10:00-11:00 Dr. Cesare Covino (ALEMBIC –
Advanced Light and Electron Microscopy
Bio-Imaging Center, HSR, Milano, Italy)**

Advanced Light Microscopy: the state-of-the-art of
Bio-Imaging by Single- and Two-Photon Microscopy

**11:00-12:00 Dr. Desirée Zambroni (ALEMBIC
Microscopy Facility, HSR, Milano, Italy)**

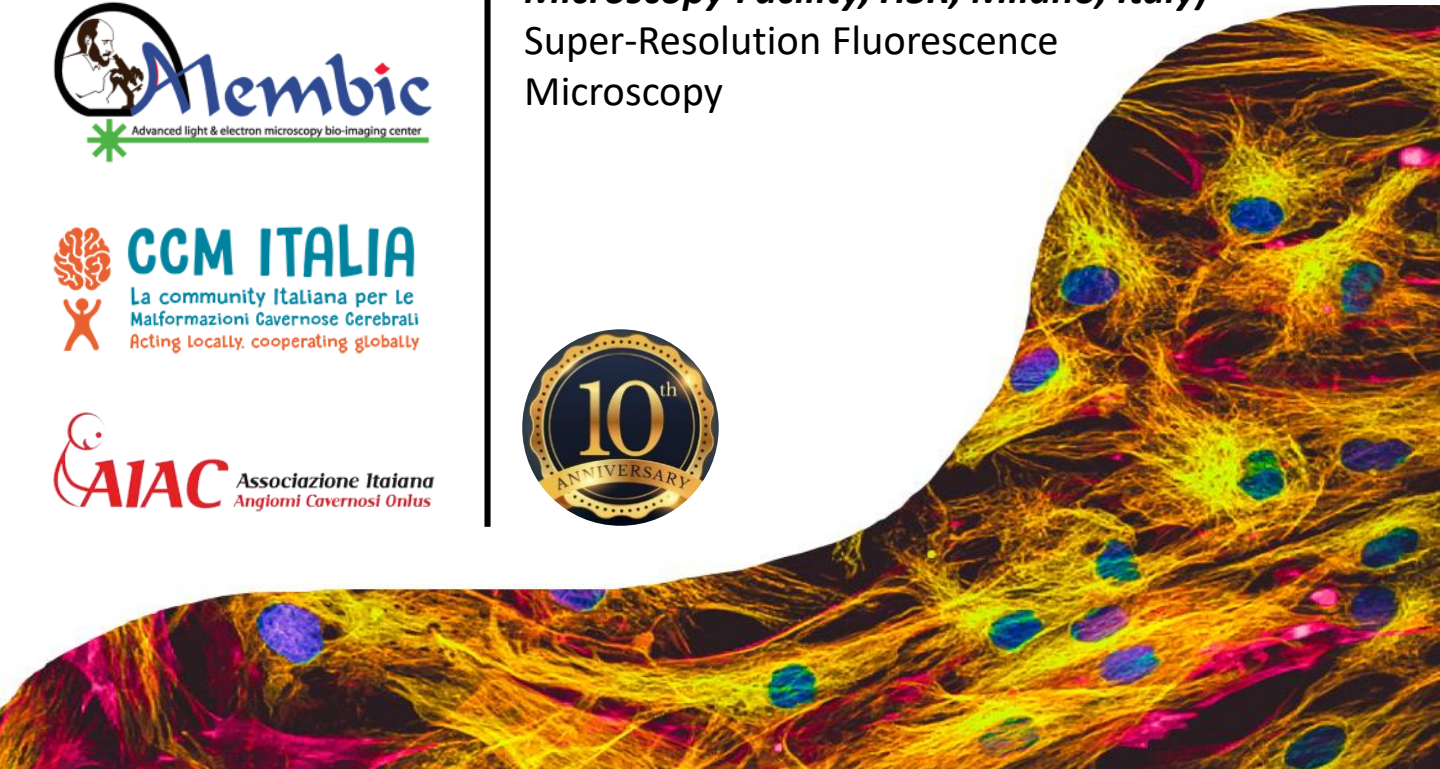
High Throughput Microscopy (HTM)

12:00-13:00 Dr. Enrica Boda (NICO, UniTo)

Oligodendroglia heterogeneity in physiology
and pathology: a confocal microscopy study
in vivo and *in vitro*

**15:00-16:00 Dr. Valeria Berno (ALEMBIC
Microscopy Facility, HSR, Milano, Italy)**

Super-Resolution Fluorescence
Microscopy





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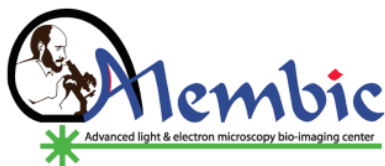
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18:00-19:00

Dr. Mauro Moglianetti

*(HiQ-Nano s.r.l. and the Italian
Institute of Technology, IIT,
Genova, Italy)*

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

