

11th NIC@IIT · Advanced Microscopy Practical Workshop

Nanoscopy 2.0 · Genoa, 30 November – 4 December 2026

Directors: Alberto Diaspro and Paolo Bianchini

Five days at the Nikon Imaging Center @ IIT to learn advanced optical microscopy by doing it. The school opens with keynote lectures, open to everyone, in the historic Palazzo della Borsa, then moves to the labs: small groups, no more than five people per instrument, rotate across nine workstations, from confocal and STORM to FLIM, image scanning microscopy, correlative AFM and label-free imaging.

THE WEEK

Mon 30 Nov	Keynote lectures, open access
Tue 1 Dec	Lectures and hands-on
Wed 2 Dec	Hands-on rotation, all day
Thu 3 Dec	Thematic workshops NEW
Fri 4 Dec	In-depth hands-on, closing

KEYNOTE SPEAKERS · MONDAY 30 NOVEMBER

Open access · Sala delle Grida, Palazzo della Borsa · 14:00–19:00

Lothar Schermelleh University of Oxford, UK

Kyoohyun Kim Max Planck Institute for the Science of Light, Erlangen, DE

Ivan Novotny Institute of Molecular Genetics, Prague, CZ

Alvaro H. Crevenna EMBL Rome, Monterotondo, IT

Francesca Pennacchietti KTH Royal Inst. of Technology, Stockholm, SE

NEW · THURSDAY 3 DECEMBER · THEMATIC WORKSHOPS

The instrument rotation makes room for a full day of in-depth workshops. Participants join tracks:

NIS-Elements 7 image analysis
with a Nikon application specialist
Abril Escamilla

Fluidics for spatial omics
sequential chromatin imaging on N-STORM, with Irene Farabella (IIT)

Expansion microscopy
from sample preparation to super-resolution imaging

About 30 participants · Fees from € 200, lunches and materials included

Programme, fees and registration: [mix.iit.it › Events › 11th NIC@IIT](mix.iit.it)

Contacts: manuela.salvatori@iit.it · paolo.bianchini@iit.it · alberto.diaspro@iit.it