

PROGRAM

Monday, October 19th, 2026 – Morning

Time	Presentation
09:30	Welcoming words
09:45	Baohui Chen – Zhejiang University (Shanghai, China) <i>Gene Dynamics in 4D</i>
10:15	Ricardo Henriques – ITQB, Nova University (Lisboa, Portugal) <i>Towards nanoscale live-cell biology through AI-enhanced super-resolution microscopy</i>
10:45	Coffee break
11:15	Wei Ji – Institute of Biophysics (Beijing, China) <i>Exploring Subcellular Structures with Interferometric and Cryogenic Correlative Microscopy</i>
11:45	Flavie Lavoie-Cardinal – CERVO, Laval university (Québec, Canada) <i>Decoding synaptic diversity with AI-assisted nanoscopy</i>
12:15	Indus Flash talk – Zeiss
12:30	Lunch

Monday, October 19th, 2026 – Afternoon

Time	Presentation
13:45	Xue Bing - Laboratory of Optics and Biosciences (Palaiseau, France) <i>From photonic jets to nonlinear photodamage: the role of cellular lensing in multiphoton light-sheet microscopy</i>
14:00	Bei Liu – Peking University (Beijing, China) <i>Deciphering Cell Signaling: From Single Molecules to Network Dynamics</i>
14:30	Anna Brachet – Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>The Neuronal Membrane Periodic Skeleton: Balancing Stability and Plasticity?</i>
15:00	Yongdeng Zhang – Westlake University (Hangzhou, China) <i>Elucidating Nanoscale Architectures and Dynamics with 4Pi Super-Resolution Microscopy</i>
15:30	Indus Flash talk – mu-Imagine
15:45	Coffee break
16:15	Amaury Autric - Curie Institute (Paris, France) <i>3D orientation and localization imaging of single molecules in polarization multi-focus microscopy</i>
16:30	Emilie Costes - Centre de Biologie Structurale (Montpellier, France) <i>Nuclear Pore Complex heterogeneity and remodeling under hypertonic shock revealed by multiplexed DNA-PAINT</i>
16:45	Gregory Giannone - Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>Deciphering molecular mechanosensing and mechanotransduction in cells using super-resolution</i>
17:00	Francisco Balzarotti – Research Institute of Molecular Pathology (Vienna, Austria) <i>Tracking Molecular Conformations and Mapping RNA Architecture with MINFLUX and Combi-PAINT</i>
17:30	Xiaoshuai Huang – School of Medicine, Peking University (Beijing, China) <i>High axial resolution and imaging speeds in three-dimensional live cell imaging with 4Pi-SIM and 3D-MP-SIM</i>
18:00	Coffee break
18:15	Liangyi Chen – Peking University <i>Cross-Scale Super-Resolution Imaging Reveals Mechanisms of Disease Pathogenesis</i>

Tuesday, October 20th, 2026 – Morning

Time	Presentation
09:00	Francesca Pennachietti – KTH Royal Institute of Technology (Stockholm, Sweden) <i>Photoswitchable fluorescent proteins for live cell nanoscopy</i>
09:30	Pingyong Xu – Institute of Biophysics, CAS (Beijing, China) <i>Making Super-Resolution Accessible: From Fluorescent Proteins to Standard Microscopes</i>
10:00	Karine Monier - PGNM, Institut NeuroMyoGene (Lyon, France) <i>A Long-Term Stable Three-Color Primary Cilium Reference Standard for Robust and Reproducible 3D-dSTORM</i>
10:15	Indus Flash talk – Abberior
10:30	Coffee break
11:00	Lei Ma - Peking University (Beijing, China) <i>OmniEM: A Foundation Model for Unified Electron Microscopy Image</i>
11:15	Chiara Stringari - Laboratory of Optics and Biosciences (Palaiseau, France) <i>Label-free metabolic imaging across scales by Fluorescence Lifetime Microscopy of endogenous biomarkers</i>
11:30	Alara Kiris – EPFL (Lausanne, Switzerland) <i>Event-driven perturbations reveal mitochondrial network connectivity</i>
12:00	Zhixing Chen – Peking University (Beijing, China) <i>Gentle and robust dyes for dynamic super-resolution imaging</i>
12:30	Lunch & Poster session

Tuesday, October 20th, 2026 – Afternoon

Time	Presentation
14:30	Christophe Leterrier – Aix-Marseille University, NeuroCyto Lab (Marseille, France) <i>The axonal cytoskeleton down to the nanoscale</i>
15:00	Wulan Deng – Peking University (Beijing, China) <i>Adding a Diffusivity Dimension to Single-Molecule Localization Microscopy</i>
15:30	Indus Flash talk – CSR Biotech
15:45	Coffee break
16:15	Florian Levot - Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>Computational modeling of nanoscale synapse morphology and organization using correlative super-resolution microscopy</i>
16:30	Thomas Mangeat - Center for Integrative Biology (Toulouse, France) <i>Random Illumination Microscopy for super-resolved imaging of live specimen, from chromatin loop extrusion to cell migration in Drosophila egg chambers.</i>
16:45	Yves Mély - Laboratoire de Biophotonique et Pharmacologie (Strasbourg, France) <i>Membrane fluorescent probes: design and applications</i>
17:00	Reiner Heintzmann – Leibniz Institute of Photonic Technology (Jena, Germany) <i>Structured Illumination Microscopy</i>
17:30	Fan Xu – Beijing Institute of Technology (Beijing, China) <i>In situ point spread function modeling for 3D single-molecule localization microscopy</i>
18:00	Break
18:15	Sandrine Leveque-Fort – Paris Saclay university, ISMO (Orsay, France) <i>TBD</i>
19:00	Gala Diner <i>Château Pape Clément</i>

Wednesday, October 21st, 2026 – Morning

Time	Presentation
09:00	Markus Sauer – Department of Internal Medicine, University of Würzburg (Würzburg, Germany) <i>Unlocking cellular ultrastructure with super-resolution expansion microscopy</i>
09:30	Yujie Sun – Peking University, NBIC (Beijing, China) <i>TBD</i>
10:00	Yuhan Wang - Peking University, School and Hospital of Stomatology (Beijing, China) <i>Label-free nanoscale terahertz near-field bioimaging of carious dentin</i>
10:15	Indus Flash talk – Wuhan Smartview Biotechnology
10:30	<i>Coffee break</i>
11:00	Tianchi Chen - Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>MINFLUX super-resolution microscopy reveals the nanoscale organisation and dynamics of integrin adhesion proteins in living cells</i>
11:15	Jan Tønnesen - Insituto Biofisika (CSIC-UPV) (Bilbao, Spain) <i>Discovering the functional roles of the brain extracellular space through super-resolution STED microscopy</i>
11:30	Laurent Cognet – Laboratoire Photonique, Numérique et Nanosciences (Bordeaux, France) <i>Unveiling Brain Extracellular Nanoscale Diffusion with SWIR Single-Particle Tracking</i>
12:00	Eva-Maria Schentarra – Max-Planck Institute (Munich, Germany) <i>Multiplexed DNA-PAINT for investigating the synaptic architecture</i>
12:30	<i>Lunch & Poster session</i>

Wednesday, October 21st, 2026 – Afternoon

Time	Presentation
14:30	Lydia Danglot – Institute of Psychiatry and Neuroscience of Paris (Paris, France) <i>Neuronal architecture and segmentation revealed in live SMLM or in thick brain tissue using 3D-STED microscopy</i>
15:00	Yiming Li – Southern University of Science and Technology (Shenzhen, China) <i>3D single molecule localization microscopy with extended depth and field of view</i>
15:30	Indus Flash talk – Toptica
15:45	Coffee break
16:15	Abdelghani Neuhaus - Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>AI-Based Restoration for Single-Particle Tracking under low illumination conditions</i>
16:30	Guiseppe Vicidomini – Italian Institute of Technology (Genoa, Italy) <i>Photon-Resolved Laser-Scanning Microscopy for Information-Rich Bioimaging</i>
17:00	Anne-Sophie Hafner – Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>Revealing the molecular profile of synapses during the ontogeny of memory</i>
17:30	Daniel Choquet – Interdisciplinary Institute for Neurosciences (Bordeaux, France) <i>Nanoscale physiology of synapses</i>