

SYMPOSIUM-PROGRAM

Fluorescence Microscopy Workshop V on cutting-edge technologies

Institut Pasteur, François Jacob Auditorium, March 17, 2020

8.30am	Registration		2.05pm	Perrine Paul-Gilloteaux <i>MicroPICell, Université de Nantes</i>	Software tools and methods for correlative microscopies
9am	Welcome		2.35pm	Alejandra Sanchez-Erostegui <i>Amira</i>	Amira Software for life Sciences
9.05am	Patrice Mascalchi <i>DRVISION</i>	Machine learning powered 2D and 3D object segmentation and tracking	2.40pm	Edouard Bertrand <i>IGMM, Montpellier</i>	Large-scale imaging of single mRNPs reveals new insights into RNA localization and translation
9.10am	Jean-Christophe Olivo Marin <i>Institut Pasteur, Paris</i>	Bioimage analysis	3.10pm	Loic D'Eramo <i>Leica</i>	Tau STED
9.40am	Frédéric Eghiaian <i>Abberior</i>	Novel capabilities for confocal, STED and SMLM microscopy	3.15pm	Ákos Diószdi <i>Synthetic and Systems Biology Unit, Szeged, Hungary</i>	Metric-based solutions for single-cell spheroid analysis to identify the best optical clearing protocols
9.45am	Capucine Grandjean <i>Institut Pasteur, Paris</i>	Dissecting the mechanism of action of anti-CD20 therapy using intravital imaging	3.45pm	Coffee Break	
10.15am	Hervé Gauthier <i>Olympus</i>	Olympus X-Line High-Performance Objectives: Breaking Barriers	4.15pm	Sebastien Bellow <i>Andor</i>	High Speed & High Quality Multi-Modal Imaging Platform
10.20am	Stand presentation		4.20pm	Ralph Palmisano <i>Optical Imaging Centre, Erlangen, Germany</i>	A comparative study of novel mScarlet FP against standard FPs in live and fixed samples.
10.30am	Coffee Break		4.50pm	Nicolas Bourg <i>Abbelight</i>	Entering the nanoworld: 3D multicolor imaging of single molecules)
10.55am	Jean Luc Tapié <i>Coherent</i>	Nouvelles sources laser pour l'imagerie multi-photonique	4.55pm	Romain Levayer <i>Institut Pasteur, Paris</i>	Fine tuning of cell death by mechanical feedbacks: from epithelial homeostasis to cell competition
11am	Rut Carballido-Lopez <i>Micalis, INRAE, Jouy-en-Josas</i>	Morphogenetic role, ultrastructure and dynamics of actin-like assemblies in <i>Bacillus subtilis</i>	5.25pm	Lindsey Marshall <i>Syglass</i>	The Future of Data Exploration: Visualize, Annotate and Communicate 3D data in VR
11.30am	Michel Biocco <i>Bruker</i>	The latest developments in multiphoton : See More and Do More	5.30pm	Jean-Léon Maitre <i>Institut Curie, Paris</i>	Mechanics of blastocyst morphogenesis
11.35am	Anna Pepe <i>Institut Pasteur, Paris</i>	Correlative cryo-electron microscopy reveals the structure of TNTs in neuronal cells	ORGANIZERS: Education Department ; UTechS Photonic Biolmaging ; Image Analysis Hub		
12.05am	Jordan Moser <i>Zeiss</i>	Lattice SIM, easy access to 3D super resolution live-cell imaging.	Free mandatory online registration		
12.10am	Emmanuel Reynaud <i>Conway Institute of Biomolecular and Biomedical Science, UCD, Dublin</i>	KEYNOTE Light Sheet Microscopy for the masses.			
1pm	Buffet Lunch				

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