

SYMPOSIUM-PROGRAM

Fluorescence Microscopy Workshop IV on cutting-edge technologies

Institut Pasteur, François Jacob Auditorium, May 13, 2019

8.40am	Registration		2pm	Jordan Moser <i>Nikon</i>	Bring high-resolution, high-content imaging to life
9.10am	Welcome		2.05pm	Christophe Leterrier <i>Neuropathophysiology Institute, Marseille</i>	The axonal cytoskeleton at the nanoscale
9.15am	Gustavo Moraes <i>Leica</i>	THUNDER Imaging: see through the haze	2.35pm	David Wiles <i>arivis</i>	Vision 4D, In view R
9.20am	Lydia Danglot <i>Institut de Psychiatrie et Neurosciences de Paris</i>	Multicolor super resolution microscopy : from probes to statistical analysis.	2.40pm	Pierre Bon <i>Institut d'Optique, Bordeaux</i>	Measuring the phase and intensity of the light to unlock 3D super-resolution in tissues
9.50am	Georgia Golfis <i>Bitplane</i>	What's new in Imaris 9.3	3pm	Michael Morehead <i>SyGlass</i>	syGlass: Visualization, annotation, and communication of very large image volumes in virtual reality
9.55am	Guy Malkinson <i>Collège de France, Paris</i>	<i>In-vivo</i> studies of zebrafish vasculature dynamics using novel contrast-generating mechanisms	3.15pm	Susan Cox <i>King's College London</i>	KEYNOTE: Seeing and believing at super-resolution
10.15am	Stand presentation		4pm	Coffee Break	
10.25am	Coffee Break		4.30pm	Rym Boudjemaa <i>Abbelight</i>	Entering the nanoworld: imaging single molecules in 3D
10.55am	Sebastien Bellow <i>Andor</i>	SRRF, the Dragonfly real time super-resolution modality	4.35pm	Alejandro Tejada Arranz <i>Institut Pasteur, Paris</i>	Subcellular distribution of the Helicobacter pylori RNA degradosome, a major actor in post-transcriptional regulation
11am	Sian Culley <i>UCL, London</i>	SRRF and SQUIRREL: Open-source analytics for super-resolution microscopy	4.55pm	Thomas Grégor <i>Institut Pasteur, Paris</i>	Single-molecule and sub-diffraction limited insights into embryo development using microscopy
11.25am	Sarawuth Wantha <i>Amira</i>	Advances in 3D Image processing automation in Amira software for life sciences	5.25pm	Janina Hanne <i>Abberior-instruments</i>	Sted microscopy and beyond
11.30am	Benoit Lelandais <i>Institut Pasteur, Paris</i>	ZOLA-3D: an optimal 3D single molecule localization method for superresolution microscopy using realistic modeling of the point spread function by phase retrieval	5.30pm	Cécile Leduc <i>Institut Pasteur, Paris</i>	Molecular architecture of intermediate filaments
12am	Ulrike Endesfelder <i>Max Planck Institute, Marburg</i>	KEYNOTE: Visualizing the inner life of microbes: Practices of single-molecule localization microscopy in microbiology	6pm	Cocktail	
12.45am	Buffet Lunch		ORGANIZERS: Education Department ; UTechS Photonic Biolmaging ; Image Analysis Hub		
Free mandatory online registration					

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DEMONSTRATIONS-PROGRAM

Fluorescence Microscopy Workshop IV on cutting-edge technologies

Institut Pasteur, Education Center and C2RT, May 13-17, 2019

Abberior	<i>Stedycon</i>	Janina Hanne
Abbelight	<i>DAISY: Dual-view Astigmatism Imaging with SAF Yield</i>	Cyndelia Guillaume
Amira	<i>Amira Software for Life Sciences.</i>	Victoria Limosino
Andor	<i>Dragonfly-SRRF</i>	Sébastien Bellow
arivis	<i>Vision 4D, InView R</i>	Fabien Bonnaud
Bitplane	<i>Imaris Software</i>	Georgia Golfis
Leica	<i>Thunder Imaging system</i>	Rudy Huis
Nikon	<i>N-SIM S Super Resolution Microscope</i>	Stéphanie Zarka
Syglass/ IstoVisio, Inc.	<i>SyGlass</i>	Michael Morehead

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