

SYMPOSIUM-PROGRAM

Fluorescence Microscopy Workshop III on cutting-edge technologies

Institut Pasteur, François Jacob Auditorium, March 13, 2018

8.30am	Registration		12.45pm	Buffet Lunch	
9am	Welcome		2pm	Julien Vermot <i>IGBMC, Strasbourg</i>	Biomechanics of heart morphogenesis revealed by light sheet microscopy
9.05am	Sébastien Bellow <i>BioAxial</i>	Conical diffraction microscopy by BioAxial	2.30pm	Emmanuel Elias <i>Zeiss</i>	LightSheet Fluorescence Microscopy by Zeiss
9.10am	Gabriel Sirat <i>BioAxial</i>	Dark tracking and CODIM technology	2.35pm	Meriem Garfa Traore <i>SFR Necker</i>	Contribution of clearing combined with lightsheet microscopy
9.25am	Janosch Heller <i>University College London</i>	Probing activity-dependent dynamics of perisynaptic astrocytic processes using SMLM	2.50pm	Christian Feuillet <i>Lavision</i>	
9.45am	Cataldo Schietroma <i>Abbelight</i>	3D isotropic super-resolution microscope (based on DONALD technology) with real 15 nm precision	2.55pm	Christophe Dos Santos <i>arivis</i>	Big data fast visualization & analysis via desktop, web & virtual reality
9.50am	Sandrine Lévêque-Fort <i>Institut des Sciences Moléculaires d'Orsay</i>	Highly Reproducible Multi-Color 3D Super-Resolution Imaging	3pm	Minhee Kim <i>Institut Pasteur</i>	Light sheet imaging of intestinal organoids to study host-pathogen interactions
10.05am	Clément Laigle <i>Leica</i>	Fast like a Falcon, Sharp like a Lightning	3.15pm	Georgia Golfis <i>Bitplane</i>	What's new in Imaris 9 and 9.1
10.10am	Coffee Break		3.20pm	Morgane Belle <i>Institut de la Vision</i>	Combining tissue clearing and light sheet microscope to study the visual system
10.40am	Mickael Lelek <i>Institut Pasteur</i>	Using all photons: super-resolution localization microscopy with a dual objective microscope	3.35pm	Alain Chedotal <i>Institut de la Vision</i>	KEYNOTE: 3D analysis of embryonic development with light sheet microscopy
11.10am	Bruno Combettes <i>Andor</i>	Andor Dragonfly spinning disc with innovative super resolution modality for live samples	4.20pm	Coffee Break	
11.15am	Ricardo Henriques <i>University College London</i>	Democratising live-cell high-speed super-resolution microscopy	4.50pm	Hervé Gautier <i>Olympus</i>	TruResolution , dive into the depth of your samples
11.30am	David Pointu <i>GE</i>	Ultra-fast SIM acquisition with the OMX SR	4.55pm	Anne Schmidt <i>Institut Pasteur</i>	Imaging the endothelial-to-hematopoietic transition at high spatiotemporal resolution
11.35am	Denise Zickler <i>I2BC, CEA</i>	Meiotic pairing and recombination and GFP-tag protein fusion at C or N-terminal	5.25pm	Jordan Moser <i>Nikon</i>	Explore robotic microscopy: when cutting-edge microscopy meets automation and high-content applications.
11.55am	Luc Moog <i>Coherent</i>	OPSL CW lasers used in microscopy	5.30pm	Yongkeun (Paul) Park <i>Korea Advanced Institute of Science and Technology</i>	Holotomography techniques for non-invasive label-free 3D imaging of live cells and tissues
12pm	Rémi Galland <i>University of Bordeaux</i>	KEYNOTE: Improving throughput and penetration depth of single molecule localisation microscopy	6pm	Cocktail	

FREE MANDATORY REGISTRATION

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DEMONSTRATIONS-PROGRAM

Fluorescence Microscopy Workshop III on cutting-edge technologies

Institut Pasteur, Education Center and Citech, March 12-16, 2018

BioAxial	<i>BioAxial CODIM 100 (Super resolution)</i>	Sébastien Bellow
Bruker	<i>Vutara : SML super resolution Opterra : Swept-Field confocal MuVi : Light sheet microscope</i>	Michel Biocco
Abbelight	<i>DONALD nanoscoy (super-resolution localization microscopy)</i>	Cataldo Schietroma
Leica	<i>Sp8 Falcon (fast lifetime imaging) and Sp8 lightening (adaptative Super Resolution)</i>	Clément Laigle
Andor	<i>Dragon Fly (Spinning disk and Super Resolution)</i>	Bruno Combettes
GE	<i>INCell 6500 (Automated Confocal system for screening)</i>	David Pointu
Coherent	<i>Lasers for multiphoton microscope Chameleon Ultra II</i>	Luc Moog
Zeiss	<i>LSM880 Fast AiryScan (Confocal and adaptative Super resolution)</i>	Emmanuel Elias
Lavision	<i>Ultra microscope (Light Sheet)</i>	Christian Feuillet
arivis	<i>arivis imaging platform for big data Visualization, Data Processing & Analysis</i>	Christophe Dos Santos
Bitplane	<i>Imaris 9.1 (analysis workstation)</i>	Georgia Golfis
Olympus	<i>FLUOVIEW FV3000 confocal microscope</i>	Hervé Gautier
Nikon	<i>Ti-HCS microscope</i>	Stéphanie Zarka
Photonlines	<i>Correlative Holotomography 3D Microscopy System</i>	Philippe Lachamp
Tomocube	<i>Tomocube HT-2H</i>	

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BioAxial



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