Fluorescence Microscopy Workshop II
on cutting-edge technologies

Institut Pasteur, 28 rue du Dr. Roux, 75015 Paris, France

Symposium
March 14, 2017

09:00-09:15 Welcome

09:15-09:25 Christian Feuillet
La Vision BioTec
UltraMicroscope 2: Light sheet Microscope at mesoscopic scale

09:25-09:45 Nicolas Rénier
ICM, Paris
Mapping of brain activity and neuronal networks using light sheet

09:45-09:55 David Pointu
GE
Super-Resolution at very high speed with the OMX SR

09:55-10:15 Pierre Mahou
École Polytechnique
Mapping protein aggregation with super resolution microscopy

10:15-10:25 Christophe Dos Santos
Arivis
Arivis Vision4D & InViewR, your complete imaging solutions for your 4D terabyte imaging workflows

10:25-10:35 Coffee Break

10:55-11:05 Bruno Combettes
Andor
Dragonfly, a new High Speed Confocal platform

11:05-11:25 Mylène Lancino
Institut Pasteur
Exploring the emergence of Hematopoietic Stem/Progenitor Cells from vascular endothelium in zebrafish

11:25-11:35 Georgi Golts
Biplane
Imaris 8.4 for image analysis of complex & big images

11:35-11:55 Nicolas Goudin
Nexgen
Hijacking Imaris tools for emerging applications

11:55-12:05 Marc Roch
Bruker
Correlative and Statistical Localization Microscopy

12:05-12:55 Erik M. Jorgensen
Howard Hughes Medical Institute
KEYNOTE: Imaging calcium channels at active zones using super-resolution microscopy

12:55-13:00 Buffet Lunch

13:30-13:40 Clément Laigle
Leica
Beyond the diffraction limit: Leica STED Nanoscopy

13:40-14:00 Michael Gué
Zeiss
STED and Multicellular cells development

14:00-14:10 Alexandre Boissonnas
U1135 CMI-Paris
Dynamic of the mononuclear phagocyte system in health and diseases: Insights from NLO imaging

14:30-14:40 Jordan Moser
Nikon
New inverted microscope Ti2: see more than before

15:00-15:10 Laura Faure
LCB CNRS UMR7283
KEYNOTE: The mechanism of force transmission at bacterial focal adhesion complexes

15:50-16:20 Coffee Break

16:20-16:30 Luc Moog
Coherent
New lasers for Imaging and Optogenetic – Applications

16:30-16:40 Nicolas Bourg
Abbelight
Upgrade microscope to 3D nanoscopy device thanks to Abbelight instruments

16:40-17:00 Sandrine Lévêque-Fort
Institut des Sciences Moléculaires d’Orsay
Supercritical angle fluorescence microscopy: a new strategy for dual depth imaging

17:00-17:10 Hervé Gautier
Olympus
FLUOVIEW FV3000 confocal microscope

17:10-17:30

Practical information

Institut Pasteur, 28 rue du Dr. Roux, 75015 Paris, France

Symposium: Centre François Jacob
Demonstrations: Education Center / Citech (Centre François Jacob)

Free mandatory registration either for the conference or demonstrations online: https://tinyurl.com/Microscopy-workshop.

Web site: www.pasteur.fr/en/FMWII
Contact: isabelle.di-martino@pasteur.fr

Organizers
Education Department:
T. Lang, H. Waxin, M. Sala

Citech:
N. Aulner, F. Rückerl

Institut Pasteur Microscopy Course Directors:
D. DiGregorio, J. Enninga, G. Moneron

LaVision BioTec
DeltaVision OMX SR

Arivis Vision4D Visualization & Quantification
arivis InViewR Interactive 4D Virtual Reality

Andor
Dragonfly spinning disk confocal for life cell imaging

Bitplane
Imaris 8.4 Visualization and Quantification imaging software

Bruker
Ultima multiphoton Vutara Super Resolution Opterra Swept-field confocal

Leica
Leica TCS SP8 X with Hyvolution 2

Zeiss
Confocal LSM 880 Fast Airyscan II, Cell Discoverer 7, STED on upright microscope (by Abberior)

Nikon
New inverted videomicroscope ECLIPSE Ti2-E

Coherent
Lasers for multiphoton microscope, Chameleon Ultra I and Chameleon Vision II

Olympus
FLUOVIEW FV3000 confocal microscope

Practical information

Institut Pasteur, 28 rue du Dr. Roux, 75015 Paris, France

Symposium: Centre François Jacob
Demonstrations: Education Center / Citech (Centre François Jacob)

Free mandatory registration either for the conference or demonstrations online: https://tinyurl.com/Microscopy-workshop.

Web site: www.pasteur.fr/en/FMWII
Contact: isabelle.di-martino@pasteur.fr