



# « Fluo Day »

2<sup>nd</sup> edition organized by

The ISdV-Grenoble platform

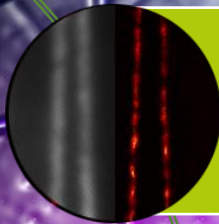
« Imagerie Sciences du Vivant – *in vitro* »

Seminars and **round tables** will cover the latest innovations in imaging techniques and their applications to biology.

Highly interactive and learning experience for beginners and advanced microscopy users.

June 18, 2015: 8h30 – 17h

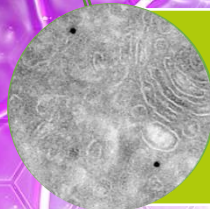
Theater Boucherle,  
Campus Santé  
La Tronche



## Super-resolution

Developments in super-resolution techniques and probes, applications to microbiology.

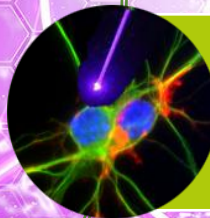
Speakers : V.Adam, C. Morlot; round table : J. Salamero



## Beyond fluorescence

Electron microscopy, laser spectrometry for multi-elemental imaging, DHM, OCT and X-Ray microscopy.

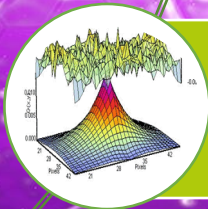
Speakers : G. Schoehn, K. Pernet-Gallay, L.Sancey, Y.Usson, S. Bohic



## Photomanipulation/Optogenetics

Applications to oncogenic signal controlling, photomanipulation of neuronal receptors.

Speakers : O.Destaing, E. Fino; round table : Y.Usson



## Fluorescence quantification

Fluorescence fluctuations and adaptive optics. Fluorescent protein's photophysics and quantitative PALM.

Speakers : A. Delon, D. Bourgeois; round table : M. Balland

Free event but registration required before June, 12 at : <http://goo.gl/forms/U2nSEo5Wqf>



# Program « Fluo Day » June 18, 2015

Theater Boucherle , Campus Santé – La Tronche

8:30 – 9:00	Welcome /Registration
9:00 - 9:05	Workshop opening
<b>Super-resolution</b> <i>Chairman : J.P. KLEMAN</i>	
9:05 - 9:30	Developments in super-resolution techniques and probes. V. ADAM (IBS)
9:30 - 9:55	Application of super-resolution techniques to microbiology. C. MORLOT (IBS)
9:55 – 10:20	<u>Round table</u> : J. SALAMERO ( <i>Institut Curie</i> )
Coffee break - Posters	
<b>Beyond fluorescence</b> <i>Chairman : A. GRICHINE</i>	
10:45 – 11:05	Laser spectrometry for multi-elemental imaging of biological tissues. L. SANCEY (Institut Lumière Matière)
11:05 – 11:35	Structural and cellular electron microscopy. G. SCHOEHN (IBS) , K. PERNET-GALLAY (GIN)
11:35 – 11:55	Interferential microscopy techniques (DHM/OCT). Y. USSON (TIMC-IMAG)
11:55-12:15	X-Ray microscopy. S. BOHIC (GIN)
Buffet Lunch	
<b>Photomanipulation / Optogenetics</b> <i>Chairwoman : F. APPAIX</i>	
13:45-14:10	Optogenetics and oncogenic signal. O. DESTAING (IAB)
14:10-14:35	Optogenetics / photomanipulation of neuronal receptors. E. FINO (GIN)
14:35-15:00	<u>Round table</u> : Y. USSON ( <i>TIMC-IMAG</i> )
Coffee break - Posters	
<b>Fluorescence quantification</b> <i>Chairwoman : I. WANG</i>	
15:25-15:50	Fluorescence fluctuations and adaptive optics. A. DELON (LIPHY)
15:50-16:15	Fluorescent protein's photophysics and quantitative PALM. D. BOURGEOIS (IBS)
16:15-16:40	<u>Round table</u> : M. BALLAND ( <i>LIPHY</i> )