

# NOVA



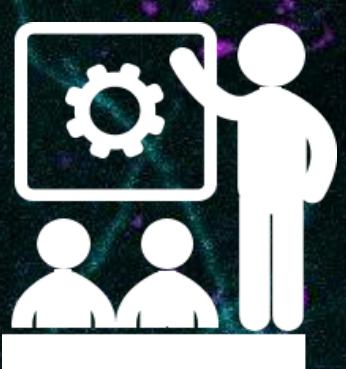
FRANCE-BIOIMAGING



ADVANCED TRAINING ON

## “MULTISCALE FLUORESCENCE IMAGING:

*from molecules to  
tissues”*



### Seminars

### INVITED SPEAKERS

E. Beaurepaire (FR)  
G. Bertolin (FR)  
J. Bewersdorf (USA)  
P. Dedecker (BE)  
C. Deo (DE)  
M. Erard (FR)  
R. Henriques (PT)

C. Leterrier (FR)  
S. Lévéque-Fort (FR)  
G. Quintas (CH)  
G. Recher (FR)  
L. Schermelleh (UK)  
J.B. Sibarita (FR)



### Workshops

### HANDS-ON TRAINING AT FBI FACILITIES

- Micro UV-irradiation & Single Particle Tracking in living cells
- Spectral multiphoton microscopy, signal unmixing with FLIM contrast
- SMLM multi-color: from sample preparation to quantification
- FRET-based molecular tension sensors and FLIM
- Imaging of cellular ultrastructures with expansion microscopy
- Light sources for optogenetics
- Non-classical genetically modified fluorescent probes for biological imaging
- SIM, STED or STORM ? From sample prep to 3D imaging
- 3D STED : Comparing flat cells vs thick samples
- Culturing and imaging multicolour 3D live brain organoids
- Fast live 3D imaging with Z resolution preservation
- 3D Imaging biological structures using double helix-STORM and 3D-SIM

### ORGANIZING COMMITTEE

X. Baudin  
N. Borghi  
P. Bourdoncle  
L. Danglot

D. Geny  
C. Guedj  
L. Jullien  
M. Lelek

R.M. Mège  
F. Niedergang  
A. Salles

NOVEMBER 21-25, 2022, PARIS

MORE INFORMATION ON: [WWW.FRANCE-BIOIMAGING.ORG](http://WWW.FRANCE-BIOIMAGING.ORG)