

FBI-AT 2024

Light-Sheet Fluorescence Microscopy: Principles and application to Neurosciences and 3D cell culture models

Preliminary program

Thematic courses

- P1 Large sample imaging – Clearing & Expansion
- P2 3D cellular model Culture & Imaging
- P3 Neuronal network imaging
- P4 Image Analysis

	Day 01 - Monday 04/11	Day 02 - Tuesday 05/11
9:00	Course 01 - LSFM Principles P. Girard (<i>NNML, Paris France</i>) & M. Ducros (<i>BIC, Bordeaux France</i>)	P1 - Adam Glasser <i>(Allen Institute for Neural Dynamics, Seattle USA)</i>
9:40	Course 02 - Samples Mounting and clarification Carole Siret (<i>CIML, Marseille France</i>)	P1 - Farida Hellal <i>(Institute for Tissue Engineering and Regenerative Medicine, Munich Germany)</i>
10:20	Course 03 - Data management Guillaume Maucort (<i>BIC, Bordeaux France</i>)	P2 - Alfred Millet-Sikking <i>(Calico Life Sciences LLC, San-Francisco USA)</i>
11:00	<i>Break</i>	<i>Break</i>
11:20	P1 - Laura Batty <i>(Wyss Center for Bio and Neuro Engineering, Geneva Switzerland)</i>	P2 - Gaëlle Recher <i>(Institut d'optique Graduate School, Bordeaux France)</i>
12:00	P1 - Julien Colombelli <i>(Institute for Research in Biomedicine, Barcelona Spain)</i>	P2 - Ihssane Idrissi / Rémi Galland <i>(Interdisciplinary Institute for Neurosciences, Bordeaux France)</i>
12:40	<i>Round Table</i>	<i>Indus Flash Talk</i>
13:00	<i>Lunch</i>	<i>Lunch</i>
14:30	<i>Workshops</i>	<i>Workshops</i>
18:00	<i>Workshops</i>	<i>Workshops</i>

	Day 03 - Wednesday 06/11	Day 04 - Thursday 07/11	
9:00	P2 - Vincent Studer <i>(Interdisciplinary Institute for Neurosciences, Bordeaux France)</i>	P3 - Alexandra Fragola <i>(Institut des Sciences Moléculaires d'Orsay, Orsay France)</i>	
9:40	P2 - Gustavo de Medeiros <i>(Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland)</i>	P4 - Emmanuel Faure <i>(Laboratory of Computer Science, Robotics and Microelectronics, Montpellier France)</i>	
10:20	P3 - George Debregas <i>(Jean Perrin Laboratory, Paris France)</i>	P4 - Johannes Roos <i>(Johannes Kepler University, Linz Austria)</i>	
11:00	<i>Break</i>	<i>Break</i>	
11:20	P3 - Thai Truong <i>(University of Southern California, Los Angeles USA)</i>	P4 - TBD	
12:00	P3 - Angela Getz / Mathieu Ducros <i>(Bordeaux Imaging Center, Bordeaux France)</i>	Discussions and Concluding remarks	
12:40	<i>Indus Flash Talk</i>		
13:00	<i>Lunch</i>	<i>Lunch</i>	
14:30	Workshops	Workshops	Demo Indus
18:00			