

	Tuesday May 25	Wednesday May 26	Thursday May 27	Friday May 28
8.30am-9am	Introduction to the school Laurent Bourdieu & Cathie Ventalon			
9am-10.30am	Introduction to microscopy 1/2 Jean-François Léger (ENS, Fr)	1ph mesoscopic imaging and photometry Isabelle Ferezou (NeuroPSI, Fr)	Methods for photomodulation of neuronal activity Emiliano Ronzitti (Vision Institute, Fr)	2ph imaging in freely moving mice Liangyi Chen (Peking Univ, CN)
10.30am-11am	Break	Break	Break	Break
11am-12.30pm	Introduction to microscopy 2/2 Jean-François Léger (ENS, Fr)	Light-sheet Imaging Volker Bormuth (UPMC, Fr)	Coupling optical recording and modulation of neuronal activity Tommaso Fellin (IIT, It)	Seminar: Applications of optical methods for integrative neurophysiology Tommaso Fellin (IIT, It)
12.30pm-2pm	Break	Break	Break	Break
2pm-3.30pm	Introduction to Fourier Optics Emiliano Ronzitti (Vision Institute, Fr)	Nonlinear imaging: How to go deeper? Laurent Bourdieu (ENS, Fr)	Fancy variations on microscopy methods Jerome Mertz (Boston Univ, USA)	Data analysis 1/2: Calcium data processing Sébastien Wolf (ENS, Fr)
3.30pm-4pm	Break	Break	Break	Break
4pm-5.30pm	Optogenetic tools from a chemical perspective Vincent Vilette (ENS, Fr)	Nonlinear imaging: How to go faster? Stéphane Dieudonné (ENS, Fr)	Optical recording and modulation of neuronal activity in freely-behaving rodents Cathie Ventalon (ENS, Fr)	Data analysis 2/2: Dimensionality reduction and network modeling Sébastien Wolf (ENS, Fr)
5.30pm-6.30pm	Open discussion, Q&A Laurent Bourdieu & Cathie Ventalon	Open discussion, Q&A Laurent Bourdieu & Cathie Ventalon	Open discussion, Q&A Laurent Bourdieu & Cathie Ventalon	Open discussion, Q&A Laurent Bourdieu & Cathie Ventalon