

	Tuesday May 25	Wednesday May 26	Thursday May 27	Friday May 28
8.50am-9am	<b>Introduction to the school</b> Laurent Bourdieu & Cathie Ventalon			
9am-10.30am	<b>Introduction to microscopy 1/2</b> Laurent Bourdieu (ENS, Fr)	<b>1ph mesoscopic imaging and photometry</b> Isabelle Ferezou (NeuroPSI, Fr)	<b>Methods for photomodulation of neuronal activity</b> Emiliano Ronzitti (Vision Institute, Fr)	<b>2ph imaging in freely moving mice</b> Liangyi Chen (Peking Univ, CN)
10.30am-11am	Break	Break	Break	Break
11am-12.30pm	<b>Introduction to microscopy 2/2</b> Laurent Bourdieu (ENS, Fr)	<b>Nonlinear imaging: How to go deeper?</b> Laurent Bourdieu (ENS, Fr)	<b>Coupling optical recording and modulation of neuronal activity</b> Tommaso Fellin (IIT, It)	<b>Seminar: Applications of optical methods for integrative neurophysiology</b> Tommaso Fellin (IIT, It)
12.30pm-2pm	Break	Break	Break	Break
2pm-3.30pm	<b>Introduction to Fourier Optics</b> Emiliano Ronzitti (Vision Institute, Fr)	<b>Light-sheet Imaging</b> Volker Bormuth (UPMC, Fr)	<b>Fancy variations on microscopy methods</b> Jerome Mertz (Boston Univ, USA)	<b>Data analysis 1/2: Calcium data processing</b> Sébastien Wolf (ENS, Fr)
3.30pm-4pm	Break	Break	Break	Break
4pm-5.30pm	<b>Optogenetics tools : from principles to experimental considerations</b> Vincent Villette (ENS, Fr)	<b>Nonlinear imaging: How to go faster?</b> Stéphane Dieudonné (ENS, Fr)	<b>Optical recording and modulation of neuronal activity in freely-behaving rodents</b> Cathie Ventalon (ENS, Fr)	<b>Data analysis 2/2: Dimensionality reduction and network modeling</b> Sébastien Wolf (ENS, Fr)
5.30pm-6.30pm	<b>Open discussion, Q&amp;A</b> Laurent Bourdieu & Cathie Ventalon	5.30pm-5.50pm <b>Simplifying Two-Photon Microscopy - Single-wavelength fiber laser for two-photon fluorescence excitation</b> Max Eisele, TOPTICA Photonics AG, Germany <b>Open discussion, Q&amp;A</b> Laurent Bourdieu & Cathie Ventalon	<b>Open discussion, Q&amp;A</b> Laurent Bourdieu & Cathie Ventalon	<b>Open discussion, Q&amp;A</b> Laurent Bourdieu & Cathie Ventalon