



11TH COURSE ON

Optical Microscopy Imaging for Biosciences

1-5 APRIL 2019 | PORTO, PORTUGAL

i3S - INSTITUTO DE INVESTIGAÇÃO E INOVAÇÃO
EM SAÚDE, UNIVERSIDADE DO PORTO

COURSE TOPICS

Specimen preparation;

Light properties and image formation;

Optical contrast techniques in
transmission light microscopy;

Fluorescence microscopy techniques:
wide-field, laser scanning confocal,
two-photon, TIRF and light-sheet;

Live cell imaging;

Analyzing biomolecular interactions
and dynamics: FRET, FLIM, FRAP,
PA, FC;

Super-resolution microscopy;

Quantitative image analysis.

COURSE COORDINATION

Paula Sampaio

ADVANCED TRAINING UNIT

REGISTRATIONS & MORE INFORMATION AT:

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