

Agenda 2011

Monday December 12

8:30 – 9:00	Registration
9:00 – 9:30	Welcoming and introductory comments
9:30 - 11:00	Basic Fluorescence Principles I (Dave Jameson)
11:00 - 11:30	Coffee Break
11:30 - 13:00	Basic Fluorescence Principles II (Dave Jameson)
13:00 - 14:30	Lunch
14:30 – 15:30	Fluorescence probes (Susana Sanchez)
15:30 – 16:30	Introduction to instrumentation (Dave Jameson)
16:30 – 17:00	Coffee Break
17:00 – 18:30	Fluorescence Microscopy (Andre Gomez)
18:30	Cocktail

Tuesday December 13

9:00 - 10:30	Fluorescence correlation spectroscopy (Enrico Gratton)
10:30 - 11:00	Coffee Break
11:00 - 12:30	Raster image correlation spectroscopy and pair correlation function (Enrico Gratton)
12:30 - 14:00	Lunch
14:00 – 18:30	Computer simulations (FCS)

Wednesday December 14

9:00 - 10:30	Number & Brightness (Enrico Gratton)
10:30 - 11:00	Coffee Break
11:00 - 12:30	Fluorescence-lifetime imaging microscopy (Enrico Gratton)
12:30 - 14:00	Lunch
14:00 – 15:00	Particle tracking (Valeria Levi)
15:00 – 16:30	Special Lecture: Mariano Bossi. Super resolution techniques
20:30	Dinner

Saturday December 17: Laboratory

- 1) Fluorescence Spectroscopy and anisotropy
- 2) Widefield microscopy & single particle tracking
- 3) Confocal microscopy & FCS