

HORIBA Fluorescence School

Held on September 25th, 2016, at 2:00 PM

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Scientific Background: Development of stroboscopic time-resolved instrumentation, TCSPC instrumentation, time-resolved fluorescence of proteins, lifetime distributions (MEM, ESM), complexes with cyclodextrins, intramolecular and solvation dynamics, new methodology to study polydispersity of micelles, long-range electron transfer in linked porphyrin-quinone derivatives, co-discovery of Twisted Intramolecular Charge Transfer States (TICT), transient absorption, nanomaterials, analytical software development.

Agenda	
Time	Topic
2:00 – 2:45	<i>General review of Steady-State and Lifetime Theory</i>
2:45 – 3:15	<i>General review of the latest developments in Fluorescence Spectroscopy</i>
3:15 – 4:15	<i>Applications of Fluorescence Spectroscopy in Nanotechnology, Materials Science, Life Science, Lanthanides, Inorganics Chemistry</i>
4:15 – 4:45	<i>Applications of Fluorescence Imaging Spectroscopy in Life Science</i>