

PRINCIPLES AND APPLICATIONS OF TIME-RESOLVED FLUORESCENCE SPECTROSCOPY

March 22–26, 2004

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Richard Thompson

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Guest Lecturers:

Ammasi Periasamy, Univ. of Virginia (Confocal and
Multi-Photon Microscopy)

Michael L. Johnson, Univ. of Virginia (Data Analysis)

Peter So, MIT (Correlation Spectroscopy)

Jack Owicki, Independent Consultant (High Throughput
Screening)

The Center for Fluorescence Spectroscopy, at the University of Maryland School of Medicine, is offering a Short Course on *Principles and Applications of Time-Resolved Fluorescence Spectroscopy* in Baltimore, March 22–26, 2004. The course will cover basic and advanced topics in fluorometry, including time- and frequency-domain measurements, Forster resonance energy transfer and probe chemistry. Advanced topics include Radiative Decay Engineering, Surface Plasmon Coupled Emission, fiber optics, infrared fluorometry, instrumentation, confocal and multi-photon microscopy, protein fluorescence, DNA technology, high throughput screening, correlation spectroscopy, lanthanides and immunoassays. Textbook, course materials, lunches, and refreshments will be provided. The Center for Fluorescence Spectroscopy, in cooperation with the National Center for Research Resources, is able to provide partial fee waivers of the course fee for a limited number of participants. For further information, a schedule, and fees, please contact Ms. Mary Rosenfeld, or Prof. J. R. Lakowicz at the CFS.