

2ND ANNUAL WORKSHOP ON FRET, FLIM, FCS & FRAP (F4) MICROSCOPY

NOVEMBER 11-14, 2024
DEPARTMENT OF BIOTECHNOLOGY
INDIAN INSTITUTE OF TECHNOLOGY MADRAS

The Department of Biotechnology at IIT Madras is organizing the 2nd edition of the Annual Workshop series on:

- 1) Förster Resonance Energy Transfer (FRET)
- 2) Fluorescence Lifetime Imaging Microscopy (FLIM)
- 3) Fluorescence Correlation Spectroscopy (FCS)
- 4) Fluorescence Recovery After Photobleaching (FRAP)



OBJECTIVES

- Hands-on instructions on wide-field & confocal microscopy systems
- Best imaging practices and analysis solutions
- Individual problem solving, discussion and trouble-shooting
- Free access to training toolkit, reference guides, & image analysis software

INSTRUMENTS

- Olympus FV3000 laser scanning confocal microscope
- Olympus IX83 wide-field camera-based microscope
- Andor BC43 benchtop confocal microscope

REGISTRATION & FEES

<https://sites.google.com/smail.iitm.ac.in/f4advancedbioimagingworkshop>

Abstract deadline: September 30, 2024

Registration deadline: October 15, 2024 (Upon acceptance of abstract)

Fees: Rs. 9,440 (Rs. 8,000/- + 18% GST) (without accommodation)

Rs. 11,800/- (Rs. 10,000/- + 18% GST) (with hostel/Guest House accommodation)

(Fees includes registration, food, and workshop materials).

Participation certificates will be provided.

ORGANIZERS

- Dr. Shantanu Pradhan, Dept. of Biotechnology, IIT Madras
- Dr. Ammasi Periasamy, Keck Center for Cellular Imaging, University of Virginia
- Dr. Amal Kanti Bera, Dept. of Biotechnology, IIT Madras
- Dr. Ganesh Kadasoor, Senior Application Scientist, Evident Scientific India
- Dr. Sebastian Raja, Application Scientist, Leica Microsystems

PARTNERS



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