



National Workshop of Fluorescence and Raman, Spectroscopy (FCS XVI)

Online Workshop 7th -9th Nov, 2025. In-person Workshop 6th -8th Dec, 2025. Conference 8th -10th Dec, 2025
Saha Institute of Nuclear Physics, Kolkata, India

Schedule of Online Workshop

TRAFS
 FCS
 sm/SR
 Force
 Raman

Day-1: Friday, 7th November NEW ADVANCES TALKS		
12:00 - 1:15 PM	Don Lamb	FCS Techniques
1:15 PM - 2:00 PM Lunch Break		
2:00 PM - 3:15 PM	Claus Seidel	smFRET
3:30 PM - 4:45 PM	K. Matsuzaki	Entangled Photon Spectroscopy
4:45 PM - 6:00 PM	Christian Eggeling	STED & MinFlux Imaging
6:00 PM - 6:30 PM Tea/Snacks Break		
6:30 PM - 7:30 PM	Lu Wei	Stimulated Raman Imaging

Day-2: Saturday, 8th November BASICS and Instrument DEMO		
10:30 AM – 11:30 AM	Sudipta Maiti	FCS Basics
11:30 AM –12:30 PM	Anindya Datta	Introduction to time resolved Fluorescence, including TCSPC
12:30 PM –1:30 PM	Chandrabhas Narayana	Raman Basics
1:30 PM – 2:00 PM Lunch Break		
2:30 PM - 3:30 PM	Sabyasachi Rakshit	AFM Basics
3:30 PM - 4:30 PM	Abhishek Sau	Super-resolution Basics
4:30 PM - 6:30 PM	<div style="display: flex; justify-content: space-between;"> <div style="background-color: green; padding: 5px;"> TCSPC Lab Demo Data analysis E. Siva Subramaniam Iyer, Anindya Datta </div> <div style="background-color: red; padding: 5px;"> FCS Demo Sobhan Sen </div> <div style="background-color: blue; padding: 5px;"> Confocal Demo Kaushik Sengupta Barun Maity </div> <div style="background-color: orange; padding: 5px;"> AFM Demo Sabyasachi Rakshit </div> <div style="background-color: black; padding: 5px;"> Raman Basics + Demo Debanjan Bhowmik </div> </div>	

Day-3: Sunday, 9th November BASICS and Instrument Demo		
10:30 AM –1:00 PM	<div style="display: flex; justify-content: space-between;"> <div style="background-color: green; padding: 5px;"> NLO, FOG & FOG Lab Anindya Datta Sovan Sen </div> <div style="background-color: red; padding: 5px;"> FCS analysis Sudipta Maiti </div> <div style="background-color: blue; padding: 5px;"> SIM Basics + Demo Kaushik Sengupta Barun Maity </div> <div style="background-color: orange; padding: 5px;"> Mag Tweezer Basics Talk + Demo Subhasish Halder </div> <div style="background-color: black; padding: 5px;"> TA Basics Jyotishman Dasgupta + TA Demo Mahesh Hariharan </div> </div>	