

*One-Day Indo-Japan Symposium on*  
**Structural Dynamics at Different Time and Length Scale**

Venue: PBCEC Seminar Room (Visitor's Hostel, IIT Kanpur)

Date: *March 25, 2019*

Time	Speaker	Title of Talk
09:20 – 09:30	Opening Remarks	
09:30 – 10:05	Shinya Koshihara (TokyoTech)	Development of ultrafast photo-functional materials by nanoscale and femtosecond structural dynamics
10:05 – 10:40	Amalendu Chandra (IIT Kanpur)	Terahertz Spectra of Aqueous Solutions from Molecular Dynamics Simulations using Polarizable Models
10:40 – 11:15	Anindya Dutta (IIT Bombay)	Ultrafast dynamics in nanotetrapods and fluorogenic molecules
11:15 – 11:35	Tea/Coffee	
11:35 – 12:10	Shin-ichi Adachi (KEK)	Tracking chemical reactions in solution with ultrashort X-ray pulses
12:10 – 12:45	Goutam De (INST, Mohali)	The art of 'functional nanoparticles' doping in dielectric films
12:45 – 13:20	Sobhan Sen (JNU, New Delhi)	Dynamics of water and ions near DNA: What is so special about them?
13:20 – 15:00	Lunch break	
15:00 – 15:35	Shinichiro Iwai (Tohoku University)	Nonlinear & ultrafast photonics driven by 6-fs strong light field in strongly correlated materials
15:35 – 16:10	Mahesh Hariharan (IISER Trivandrum)	Ultrafast excited state dynamics of twisted aromatics
16:10 – 16:45	A. K. Prasad (Cochin University)	2DIR spectroscopy reveals molecular self-assembly on the surface of nanoparticles and probs the quantum dynamics with plasmonic antenna and molecular films
16:45 – 17:05	Tea/Coffee	
17:05 – 17:40	Rajeev Kini (IISER Trivandrum)	Terahertz study of spin-ladder compounds
17:40 – 18:15	Pratik Sen (IIT Kanpur)	Ultrafast structural dynamics of thioflavin-T: Insight on amyloid fibril sensing