

Complex Chemical Systems
Department of Chemistry, IIT Kanpur
Venue: CESE Conference Room 117

		02-Nov	03-Nov
09:30	10:00	Inauguration	
10:00	10:30	L1: Christian Bruneau	L10: Ray Jones
10:30	11:00	L2: Nidhi Jain	L11: Hélène Olivier-Bourbigou
11:00	11:30	L3: Anand Singh	L12: Santanu Mukherjee
11:30	12:00	Break	Break
12:00	12:30	L4: Abhishek Dey	L13: Suhrit Ghosh
12:30	13:00	L5: Raja Angamuthu	L14: Rajneesh Misra
13:00	14:30	Lunch	Lunch
14:30	15:00	L6: Ankona Dutta	L15: Yogesh Joshi
15:00	15:30	L7: Arun Shukla	L16: Anantha Ramakrishna
15:30	16:00	Break	Break
16:00	16:30	L8: Somdatta Ghosh Dey	L17: Saptarshi Mukherjee
16:30	17:00	L9: Harinath Chakrapani	L18: Asish Patra
17:00	18:30	Workshop on Column Structure and Chemistry (Merck) and Mass Spectrometry (Agilent) followed by High Tea	

Speaker	Title of the Talk	
02-Nov-15		
Chair: J. N. Moorthy		
L1	Christian Bruneau	Functionalization of Inert sp ³ C-H Bonds
L2	Nidhi Jain	Palladium and Copper in Cross-coupling and C-H Bond Activation: from Micro to Nano-scale Catalysis
L3	Anand Singh	Activation of Fluorinated Precursors for Applications in Organic Synthesis
Chair: S. P. Rath		
L4	Abhishek Dey	Selectivity in CO ₂ Reduction by Low Valent Iron Porphyrin Complexes
L5	Raja Angamuthu	Multicomponent One-pot Reactions Offer New Route Towards the Synthesis of Stereoisomers of New Dipicolylamine Complexes
Chair: M. K. Ghorai		
L6	Ankona Dutta	Chemical Tools for Sensing Bio-molecules
L7	Arun Shukla	Structure, Function and Regulation of G Protein-Coupled Receptors
Chair: R. Gurunath		
L8	Somdatta Ghosh Dey	Alzheimer's Disease: A Heme Perspective
L9	Harinath Chakrapani	Small Molecules Tools for Controlled Generation of Biological Redox-Active Species
03-Nov-15		
Chair: Y. D. Vankar		
L10	Ray Jones	Isoxazoles: Masking and morphing
L11	Hélène Olivier-Bourbigou	The Role of Homogeneous Catalysis in Olefin Upgrading: Focus on Selected Examples from the Lab to the Process Development
L12	Santanu Mukherjee	Asymmetric Desymmetrization through Enantioselective Catalysis
Chair: D. Goswami		
L13	Rajneesh Misra	Solid State Emission in Donor-Acceptor Materials
L14	Suhrit Ghosh	Redesigned Amphiphiles
Chair: K. Srihari		
L15	Yogesh Joshi	Phase Behavior of Aqueous Suspension of Laponite: A Rheological Perspective
L16	Anantha Ramakrishna	Resonant Metallo-Dielectric Nanostructured Surfaces for Enhanced Raman Scattering
Chair: M. L. N. Rao		
L17	Saptarshi Mukherjee	Luminescent Metal Nanoclusters: Versatile Probes for Multidisciplinary Applications
L18	Ashis Patra	Luminescent Lanthanide Complexes of DTPA- Bisamide Quinoline as Antenna Moiety: Biological Interactions and Theranostic Applications