

Day –1**03.07.2014**

Check-In and Registration		12:00 – 16:00
Tea		16:00 – 16:30
Opening Remarks		16:40 – 16:50
Spectroscopy & Theory (Discussion Leader – G. Naresh Patwari)		
Overview by Discussion Leader		16:50 – 17:00
Arti Dua	Stochasticity in chemical reactions	17:00 – 17:15
Debashree Ghosh	Recent developments in effective fragment potential	17:15 – 17:30
Bhalamurugan Sivaraman	Chemistry on the surfaces of micro and macro icy bodies	17:30 – 17:45
G. Naresh Patwari	Intermolecular interactions – Is the last word out?	17:45 – 18:00
Poster Session		18:00 – 19:30
Dinner		19:30 –

Day – 2**05.07.2014**

Breakfast		07:30 – 09:00
Single Molecule (Discussion Leader – Arindam Chowdhury)		
Overview by Discussion Leader		09:35 – 09:45
Apurba Lal Koner	Fluorescent Polymer Nanoparticles for Single-Molecule mRNA Tracking	09:45 – 10:00
Arindam Chowdhury	Insights on Heterogeneity from Single-Emitter Measurements: Some Ideas and Challenges	10:00 – 10:15
Tea		10:15 – 10:45
Theory (Discussion Leader – Suman Chakrabarty)		
Overview by Discussion Leader		10:50 – 11:00
Neelanjana Sengupta	Intrinsically Unstructured Proteins: Insights from Atomistic Simulations	11:00 – 11:15
Govardhan Reddy	Thermodynamics of ubiquitin folding: A critical comparison between experiments and simulations	11:15 – 11:30
Madhav Ranganathan	Modeling and simulation of crystal growth	11:30 – 11:45
Suman Chakrabarty	Hydrophobic interactions: A molecular perspective	11:45 – 12:00
Biophysics/Biochemistry (Discussion Leader – Ruchi Anand)		
Overview by Discussion Leader		12:20 – 12:30
Surajit Sinha	Chemical Modulation of Hedgehog Signaling Pathway in Cell Culture and in Zebrafish Model	12:30 – 12:45
Ruchi Anand	Antibiotic Regulation and Resistance	12:45 – 13:00
Lunch		13:00 – 14:30
Free Time		14:30 – 16:20
Materials (Discussion Leader – Deepa Khushalani)		
Overview by Discussion Leader		16:20 – 16:30
Vivek Polshettiwar	Nanocatalysis: Fibrous Morphology of Nano-Silica (KCC-1) Makes the Difference	16:30 – 16:45
Sameer Sapra	Nanomaterials for photovoltaic and photocatalytic applications	16:45 – 17:00
Deepa Khushalani	Functional Inorganic and Carbon Based Materials - Manipulating Morphology and Their Application	17:00 – 17:15
Tea		17:15 – 17:45
Spectroscopy (Discussion Leader – Anindya Dutta)		
Overview by Discussion Leader		17:50 – 18:00
Prashant Chandra Singh	Sum frequency generation spectroscopy: a versatile tool for the visualization of interfaces	18:00 – 18:15
Sayan Bagchi	Quantitative prediction of electrostatic field experienced by a vibrational probe in complex chemical systems: an experimental approach	18:15 – 18:30
Jyotishman Dasgupta	Chemistry and Non-local Structural Dynamics: Identifying the connections	18:30 – 18:45
Anindya Dutta	Excited state dynamics in molecules and materials	18:45 – 19:00
Dinner		19:30 – 21:00

Day – 3**05.07.2014**

Breakfast		07:30 – 09:00
Inorganic Chemistry (Discussion Leader – Sayam Sengupta)		
Overview by Discussion Leader		09:50 – 10:00
Abhishek Dey	TBA	10:00 – 10:15
Ankona Datta	"Turn-on" Fluorescent probes: A Saga in Vintage Coordination Chemistry	10:15 – 10:30
Swadhin Mandal	Nucleophilic Boron: A Viable Route to Alternative Fuel?	10:30 – 10:45
Sayam Sengupta	Iron complexes for activity based protein profiling and photochemical water oxidation	10:45 – 11:00
Tea		11:00 – 11:30
Chemical Biology (Discussion Leader – Harinath Chakrapani)		
Overview by Discussion Leader		11:35 – 11:45
Nandita Madhavan	Small Peptides for Biomimetic Ion Transport	11:45 – 12:00
Vishal Rai	On the way to... chemical modification of proteins	12:00 – 12:15
Bhaskar Dutta	Challenges and Promises in Modifying Cyanine Dyes for Biological Applications	12:15 – 12:30
Suvarn Kulkarni	Glycochemistry of Infectious diseases	12:30 – 12:45
Harinath Chakrapani	Controlled Generation of Biological Reactive Species: From Tools to Therapy	12:45 – 13:00
Lunch		13:00 – 14:30
Free Time		14:30 – 16:20
Synthesis (Discussion Leader – Santanu Mukherjee)		
Overview by Discussion Leader		16:20 – 16:30
Debabarata Maiti	Metal Mediated Synthetic Transformations	16:30 – 16:45
Sabuj Kundu	Greener Methodologies in Catalysis: Water as a solvent, Carboxylation, and C-H Functionalization	17:00 – 17:15
Santanu Mukherjee	Catalytic Enantioselective Halocyclizations: Emerging Route to Enantioenriched Heterocycles	17:15 – 17:30
Tea		17:30 – 18:00
Poster Session		18:00 – 19:30
Dinner		19:30 – 21:00

Day – 4**06.07.2014**

Breakfast		07:30 – 09:00
Poster Session & Lunch		10:00 –
Check-out		Before 12:00