

## Program Schedule

2<sup>nd</sup> NTU-IISER Bhopal Chemistry Workshop

January 04-06, 2018

Venue: Auditorium, Visitors' Hostel

Day 1: January 04, 2018 (Thursday)	
0915-0945	Registration
0945-0950	Welcome address by Director, IISER Bhopal
0950-0955	Address by Head, Department of Chemistry, IISER Bhopal
1000-1100	Scientific Session-I (Chair: Dr. Manmohan Kapur)
	1000-1030 Professor Kankan Bhattacharyya, IISER Bhopal Title: <i>"Live Cell Microscopy: A Physical Chemistry Approach"</i>
	1030-1100 Dr. Han Sen Soo, NTU Title: <i>"Artificial Photosynthesis by Light Absorption, Charge Separation, and Photoredox Catalysis"</i>
1100-1125	Tea/Coffee Break
1130-1230	Scientific Session-II (Chair: Dr. Vishal Rai)
	1130-1200 Dr. Ishu Saraogi, IISER Bhopal Title: <i>"The Inhibition of the Signal Recognition Particle as an Antibacterial Strategy"</i>
	1200-1230 Dr. Fangwei Shao, NTU Title: <i>"Self-assembly of Dendritic DNA into (Nano)Hydrogel for Biomedical Technologies"</i>
1245-1400	Lunch (Venue: Lawns, Visitors' Hostel)
1400-1600	Poster Session-I
1600-1625	Tea/Coffee Break
1630-1830	Scientific Session-III (Chair: Dr. Sanjit Konar)
	1630-1700 Professor J. K. Bera, IIT Kanpur Title: <i>"Dehydrogenation: Beyond the Realm of Oxidation Chemistry"</i>
	1700-1730 Dr. Rajesh Kumar, IIT Indore Title: <i>"Raman Effect: From Scattering to Spectroscopy"</i>
	1730-1800 Dr. Roderick W. Bates, NTU Title: <i>"Recent Progress in Natural Product Synthesis – and Some Collaboration"</i>

**Day 2: January 05, 2018 (Friday)**

1000-1100	Scientific Session-IV (Chair: Dr. Rajesh Murarka)	
	1000-1030	Dr. Sangit Kumar, IISER Bhopal Title: “ <i>Synthetic Routes to Organochalcogens and their Catalytic Role</i> ”
	1030-1100	Dr. Saptarshi Mukherjee, IISER Bhopal Title: “ <i>Luminescent Copper Nanoclusters: Nanothermometry, Specific Cell-Imaging and Selective Metal Ion Sensing</i> ”
1100-1125	Tea/Coffee Break	
1130-1230	Scientific Session-V (Chair: Dr. J. Sankar )	
	1130-1200	Dr. Rajneesh Misra, IIT Indore Title: “ <i>Mechanochromism in Tetraphenylethylene Derivatives</i> ”
	1200-1230	Dr. Howe-Siang Tan, NTU Title: “ <i>Excitation Energy Transfer Processes in Plant Photosynthetic Light Harvesting Systems studied by Ultrafast Multidimensional Electronic Spectroscopy</i> ”
1245-1400	Lunch (Venue: Lawns, Visitors’ Hostel)	
1400-1600	Poster Session-II	
1600-1625	Tea/Coffee Break	
1630-1830	Scientific Session-VI (Chair: Dr. Apurba Lal Koner)	
	1630-1700	Dr. Subhabrata Sen, Shiv Nadar University Title: “ <i>A Nanostructured Titanium Oxide Encapsulated Cu(I) Catalyst for Facile C-C and C-N Bond Forming Reactions</i> ”
	1700-1730	Dr. Deepak B. Salunke, Panjab University Title: “ <i>Toll Like Receptors (TLRs) and Indoleamine 2,3-Dioxygenase (IDO) as Targets for Cancer Immunotherapy</i> ”
	1730-1800	Dr. Prasanta Ghorai, IISER Bhopal Title: “ <i>Enantioselective Intramolecular Michael Additions as the Key Strategy for the Enantioselective Synthesis of Fused- and Spiro-Cyclic Molecules</i> ”
2030-	Dinner (Venue: Dining Hall, Visitors’ Hostel)	

**Day 3: January 06, 2018 (Saturday)**

1000-1100	Scientific Session-VII (Chair: Dr. Abhijit Patra)	
	1000-1030	Dr. Joyanta Choudhury Title: <i>“Integrating Switchability and Reversibility in Organometallic Catalysis”</i>
	1030-1100	Dr. Alakesh Bisai, IISER Bhopal Title: <i>“Total Syntheses of Architecturally Intriguing Indole Alkaloids”</i>
1100-1125	Tea/Coffee Break	
1130-1230	Scientific Session-VIII (Chair: Dr. Deepak Chopra)	
	1130-1200	Dr. Manmohan Kapur, IISER Bhopal Title: <i>“Weak-coordination in C-H Functionalization”</i>
	1200-1230	Dr. Nitin T. Patil, IISER Bhopal Title: <i>“Oxidative Gold Catalysis”</i>
1230-1245	Concluding Remarks and Vote of Thanks	
1300-1400	Lunch (Venue: Dining Hall, Visitors’ Hostel)	
1400-	Visit to Sanchi	