

India Roadshow Programmes

Tuesday 4 November, IIT Delhi

Analytical Science Symposium

09.00	Welcome remarks and inauguration
09.10	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart
09.50	Mass spectrometry in structural biology: Surface-induced dissociation/ion mobility of protein complexes Vicki Wysocki
10.20	Off/on-line NMR spectroscopy: a tool to support polyolefin R&D and manufacturing operations G.S. Kapur
10.50	Tea break and posters
11.10	The role of ionic liquids in the analysis of polycyclic aromatic hydrocarbons Siddharth Pandey
11.40	Redox mediator functionalized CNT modified electrodes as an elegant detector for selective flow injection analysis Annamalai Senthil Kumar
12.10	Biological and ecological toxicity of engineered nanomaterials Christy Haynes
12.40	Lunch and posters
13.40	*Plenary: Nanoparticle based analysis of biomolecules, cells and tissue Duncan Graham
14:20	Panel discussion and workshop <i>Funding research, awareness of analytical science, and the need for industry-academia collaboration</i> Chairs: Alan Handley and AA Gupta
15:20	Tea break and posters
15.50	Summary and suggested actions from workshop
16.20	Young researcher session Science communication Navigating your career in the chemical sciences
17.00	Closing remarks and poster prizes

***These plenary sessions are across both symposia streams**

Tuesday 4 November, IIT Delhi

Supramolecular Chemistry and Organic Materials Symposium

09.00	Welcome remarks and inauguration	
09.10	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart	
09.50	Towards complex multidrug delivery carriers Eva Harth	
10.20	Supramolecular chemistry with designer peptides V. Haridas	
10.50	Tea break and posters	
11.10	Porous crystalline covalent organic frameworks with exceptional chemical stability for catalysis and proton conduction Rahul Banerjee	
11.40	Engineering of multiple crystal forms utilising acid-pyridine synthon Arunachalam Ramanan	
12:10	Stabilization of organic radical ions and ultra-electron deficient systems: A new design paradigm applying the phosphonium group Pritam Mukhopadhyay	
12.40	Lunch and posters	
13.40	*Plenary: Nanoparticle based analysis of biomolecules, cells and tissue Duncan Graham	
14:20	New receptors and transporters for anions and amino acids Philip A. Gale	
14:50	Bile acid-based supramolecular chemistry: design of receptors for ion recognition Pramod S. Pandey	
15:20	Tea break and posters	
15.50	Nanocarbons for optoelectronic applications Dirk M. Guldi	
16.20	Young researcher session Science communication Navigating your career in the chemical sciences	
17.00	Closing remarks and poster prizes	

***These plenary sessions are across both symposia streams**

Friday 7 November, University of Hyderabad

Analytical Science Symposium

09.30	Welcome remarks and inauguration
09.40	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart
10.20	Biological and ecological toxicity of engineered nanomaterials Christy Haynes
10.50	'Off-on' fluorescence signalling of the transition metal ions: Designing new strategies Anunay Samanta
11.20	Tea break and posters
11.40	Nanoparticle based analysis of biomolecules, cells and tissue Duncan Graham
12.10	Solid form identification by Raman spectroscopy and surface mapping Jagadeesh Babu Nanubolu
12.40	Nanoparticle-coupled imine linkage-based receptors for voltammetric sensing of Al(III) and Co(II) ions Susheel K. Mittal
13.10	Lunch and posters
14.10	*Plenary: Mass spectrometry in structural biology: Surface-induced dissociation/ion mobility of protein complexes Vicki Wysocki
14.50	Panel discussion and workshop <i>Industry-academia collaboration, access to instrumentation, training and development for graduates</i> Chairs: Alan Handley and Srinivasan Duraiswamy
15.50	Tea break and posters
16.10	Summary and suggested actions from workshop
16.50	Young researcher session Science communication Navigating your career in the chemical sciences
17.30	Closing remarks and poster prizes

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Friday 7 November, University of Hyderabad

Supramolecular Chemistry and Organic Materials Symposium

09.30	Welcome remarks and inauguration
09.40	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart
10.20	Nanocarbons for optoelectronic applications Dirk M. Guldi
10.50	Light management using nano-photonic organic materials Rajadurai Chandrasekar
11.20	Tea break and posters
11.40	Supra-molecular self assembly of porous crystalline covalent organic nano sheets Rahul Banerjee
12.10	Asymmetric supramolecular-catalysis: Emerging protocol to achieve high asymmetric induction from the highly functionalized substrates B. Ramachary
12.40	Lunch and posters
13.10	*Plenary: Mass spectrometry in structural biology: Surface-induced dissociation/ion mobility of protein complexes Vicki Wysocki
14.10	New receptors and transporters for anions and amino acids Philip A. Gale
14.50	Inorganic-organic hybrid polymers and hyper-structured molecules for li-ion conductivity Krishnamurthi Muralidharan
15.50	Tea break and posters
16.10	Towards complex multidrug delivery carriers Eva Harth
16.50	Young researcher session Science communication Navigating your career in the chemical sciences
17.30	Closing remarks and poster prizes

***These plenary sessions are across both symposia streams**

Monday 10 November, IIT Madras

Analytical Science Symposium

09.00	Welcome remarks and inauguration
09.10	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart
09.50	Nanoparticle based analysis of biomolecules, cells and tissue Duncan Graham
10.20	Elemental speciation studies Karunasagar Dheram
10.50	Tea break and posters
11.10	Mass spectrometry in structural biology: Surface-induced dissociation/ion mobility of protein complexes Vicki Wysocki
11.40	Latest trends in gas chromatography for flavour and fragrance applications K. Sundararajan
12.10	Chemically modified electrodes as amperometric sensors S. Sriman Narayanan
12.40	Lunch and posters
13.40	*Biological and ecological toxicity of engineered nanomaterials Christy Haynes
14:20	Panel discussion and workshop <i>Awareness of the value of analytical chemistry, outreach activities, teaching of analytical science</i> Chairs: Alan Handley and T Pradeep
15:20	Tea break and posters
15.50	Summary and suggested actions from workshop
16.50	Young researcher session Science communication Navigating your career in the chemical sciences
17.30	Closing remarks and poster prizes

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Monday 10 November, IIT Madras

Supramolecular Chemistry and Organic Materials Symposium

09.00	Welcome remarks and inauguration
09.10	*Plenary: The nature of the mechanical bond Sir Fraser Stoddart
09.50	New receptors and transporters for anions and amino acids Philip A. Gale
10.20	Chemically modified electrodes – charge transport and applications M.V. Sangaranarayanan
10.50	Tea break and posters
11.10	Immiscibility-driven self-segregation and ordering of polymers S Ramakrishnan
11.40	Synthesis and nanoscale self-assembly of functional molecules Venkatakrishnan Parthasarathy
12.10	Terpyridine metal complexes as supramolecular synthons S.Balasubramanian
12.40	Lunch and posters
13.40	*Biological and ecological toxicity of engineered nanomaterials Christy Haynes
14.20	Nanocarbons for optoelectronic applications Dirk M. Guldi
14.50	Synthesis and application of organic nanomolecules Prof. P. Rajakumar
15.20	Tea break and posters
15.50	Towards complex multidrug delivery carriers Eva Harth
16.20	Mesoionic carbene-Pd complexes. New synthetic methodology, structures and catalytic activity of 1,2,3-triazol-5-ylidene-Pd complexes S. Sankararaman
16.50	Young researcher session Science communication Navigating your career in the chemical sciences
17.30	Closing remarks and poster prizes

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