

Wednesday September 24	
9:00 – 9:05 am	Chair`s Welcome (Prof. Sanjay Wategaonkar)
9:05 – 9:15 am	Inauguration by Dean TIFR (Prof. H. M. Antia)
Session 1: Fundamental Interactions (Chair: Kaustubh Mote)	
9:15 am – 9:45 am	Sanjay Wategaonkar <i>Validation of the Birge-Sponer Method for H-bonded Complexes</i>
9:45 am – 10:15 am	Ranjan Das <i>Mechanisms of Electron Spin-Lattice Relaxation of Nitroxyl Free Radicals</i>
10:15-10:45 am	Ravi Venkatramani <i>Current and Charge Flow Through Molecules</i>
10:45 – 11:15 am Tea (West Canteen Terrace)	
Session 2: Protein Stability and Flexibility (Chair: Ranja Sarkar)	
11:15 am – 11:45 am	K. V. R. Chary <i>Conformational Heterogeneity and Dynamics of a $\beta\gamma$-Crystallin, an Intrinsically Disordered Protein</i>
11:45 am – 12:15 pm	G. Krishnamoorthy <i>Barrierless Transition in Protein Folding</i>
Venue: TIFR Lecture Hall (AG-66)	
Special Session For Students/Post-docs (Royal Society of Chemistry)	
12:15 pm – 12:45 pm	Abhiram Prabhu, RSC <i>RSC Grants and Career Support : How Best to Use This Funding</i>
12:45 pm – 2:30 pm Lunch (Homi Bhabha Auditorium Terrace)	
2:30 pm – 4:00 pm	Poster Session (Homi Bhabha Auditorium Foyer) <i>Tea + Snacks to be served at 3 pm (Auditorium Terrace)</i>
4:00 pm – 5 pm	Wednesday Colloquium (TIFR Lecture Hall AG-66) Prof. T. N. Guru Row, Solid State and Structural Chemistry Unit, IISC, Bangalore <i>The Nature of a Chemical Bond: Revisited via Charge Density Analysis</i>
5 pm – 5:30 pm Colloquium Tea (West Canteen)	
5:30 pm – 7 pm	Poster Session (Homi Bhabha Auditorium Foyer)

Thursday September 25

Venue: TIFR Lecture Hall (AG-66)

Session 1: Chemical Transformations (Chair: Vinayak Rane)

9:15 am – 9:45 am	Vivek Polshettiwar <i>Shape and Morphology Controlled Nanomaterials for Catalysis</i>
9:45 am – 10:15 am	Shyamalava Mazumdar <i>Selective Activation of Polyaromatics Catalyzed by a Thermostable Heme-Enzyme: Environmental Detoxification and More</i>
10:15-10:45 am	Jyotishman Dasgupta <i>Organic Photochemistry in Water-Soluble Nanocages</i>

10:45 – 11:15 am Tea (West Canteen Terrace)

Venue: TIFR Lecture Hall (AG-66)

Session 2: Novel Nanomaterials and Applications (Chair: Mahak Dhiman)

11:15 am – 11:45 am	Kanchan Garai <i>Bionanomaterials Using Amyloids</i>
11:45 am – 12:15 pm	Deepa Khushalani <i>Perspectives on Energy Storage</i>

Venue: TIFR Lecture Hall (AG-66)

Special Session For Students/Post-docs (Royal Society of Chemistry)

12:15 pm – 12:45 pm	Abhiram Prabhu, RSC <i>How to Find the Best Jobs: Building Networks and Efficient Referrals</i>
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12:45 pm – 2:30 pm Lunch (Homi Bhabha Auditorium Terrace)

2:30 pm – 3:30 pm	Student Talks (TIFR Lecture Hall AG-66) Rustam Singh, Ajay Jha, Barun Maiti <i>Combinatorial/Screening vs Systematic approaches in the Chemical Sciences</i>
3:30 pm – 5:30 pm	Poster Session (Homi Bhabha Auditorium Foyer) Tea+ Snacks (Auditorium Terrace)
5:30 pm – 6:30 pm	DCS logo design contest (TIFR Lecture Hall AG-66) <i>Panel: Jyotishman Dasgupta, A. S. R. Koti, Ranjan Das, and Deepa Khushalani</i>

Friday September 26

Venue: TIFR Lecture Hall (AG-66)

Session 1: Chemical Probes in Biomedicine and Diagnostics (Chair: Ankita Das)

9:15 am – 9:45 am	H. M. Sonawat <i>¹H NMR-Based Metabolomics: Tryptophan Metabolism in Mice Infected with Plasmodium Berghei ANKA</i>
9:45 am – 10:15 am	Ankona Datta <i>Of 'turn-on' Probes and Disease Models: A Tale of Two Worlds?</i>
10:15-10:45 am	R. V. Hosur <i>The Plasmodium Falciparum P2 story: NMR Revelations</i>

10:45 – 11:15 am Tea (West Canteen Terrace)

Venue: TIFR Lecture Hall (AG-66)

Session 2: Chemical Physics and Biophysics (Chair: Anindita Sarkar)

11:15 am – 11:45 am	P.ushan Ayyub (DCMPMS) <i>Does Size Control Structure?</i>
11:45 am – 12:15 pm	Sudipta Maiti <i>SERs Characterization of Abeta Structure</i>
12:15 pm – 12:45 pm	A. S. R. Koti <i>Role of Sequence in Dictating the Mechanical Properties of Proteins, Experiments and Simulations</i>

12:45 pm – 2:15 pm Lunch (Homi Bhabha Auditorium Terrace)

2:15 pm – 3:15 pm	Student Talks (TIFR Lecture Hall AG-66) Charu Seth, Viola Caroline D'mello, Imon Mandal <i>Molecules vs Nanomaterials</i>
3:15 pm – 3:45 pm	Closing Remarks + Student Logo Contest Results (TIFR Lecture Hall AG-66)
4:00 pm – 5 pm	ASET Colloquium (TIFR Lecture Hall AG-66) Prof. Somdatta Ghosh De Department of Inorganic Chemistry, IACS, Kolkata <i>Alzheimer's Disease: A Heme Perspective</i>