

Department of Chemical Sciences Annual Meeting 2010
Tata Institute of Fundamental Research

Thursday September 30th 2010
Venue: TIFR Lecture Theatre

9:30 - 9:40 am	KVR Chary Welcome by DCS Chairperson
9:40 - 9:45 am	Dean, NSF – Prof. E.V. Sampathkumaran
9:45 - 10:45 am	Prof. George Thomas IISER Thiruvananthapuram <i>Optical Properties of Hybrid Nanomaterials</i>
10:45 - 11:00 am	TEA – West Canteen Foyer
11:00 - 11:30 am	N Periasamy <i>Organic Photodetectors</i>
11:30 - 12:00 pm	Ankona Datta <i>Molecular Spies for in Vivo Imaging</i>
12:00 - 12:30 pm	HM Sonawat <i>Metabonomics of Malaria</i>
12:30 - 1:00 pm	ASR Koti <i>Ligands as Mechanical ‘Resisters’ and ‘Routers’ in Protein Unfolding</i>
1:00 - 2:30 pm	LUNCH – GUEST HOUSE
2:30 - 3:00 pm	RV Hosur <i>New Methodologies for Protein NMR</i>
3:00 - 3:30 pm	Ranjan Das <i>Electron Spin Polarization and Relaxation</i>
3:30 - 4:00 pm	S Wategaonkar <i>-CH as Hydrogen Bond Donor</i>
4:00 – 4:30 pm	PK Madhu <i>Tunable Pulse Sequences for Solid-State NMR of Protons</i>
4:30 – 6:30 pm	POSTER Session (Auditorium Foyer) and HIGH TEA

Friday October 1st 2010
Venue: TIFR Lecture Theatre

9:30 – 10:30 am	Prof. Soumen Basak <i>Saha Institute of Nuclear Physics, Kolkata</i> <i>Beta-Sheet Mediated Aggregation of Polyalanine Peptides in Various Solvents</i>
10:30-10:45 am	TEA – West Canteen Foyer
10:45-11:15 am	KVR Chary <i>Rapid Data Acquisition Techniques in Protein NMR</i>
11:15-11:45 am	G Krishnamoorthy <i>Motional Dynamics in Macromolecules</i>
11:45-12:15 pm	J Dasgupta <i>Hacking the Code of Chemical Reactivity</i>
12:15-12:45 pm	D Khushalani <i>Biocompatible Calcium Phosphate Tubes</i>
12:45 – 2:00 pm	LUNCH – GUEST HOUSE
2:00 - 2:30 pm	S Maiti <i>Toxic Protein Nanoparticles: The Conundrum of Amyloid Conformation, Aggregation and Toxicity</i>
2:30 - 3:00 pm	S Mazumdar <i>Modification of the Active Site in a Thermostable Cytochrome P450 Enzyme for Enhanced Catalytic Activity with Peroxide</i>
3:00 – 3:15 pm	Mr. Suman Nag <i>Artificial life: v1.0</i>
3:15 – 3:30 pm	Mr. K. Hemachandra <i>Forcing and Controlling the Chemical Reaction</i>
3:30 – 3:45 pm	Concluding session