

Chemistry Symposium

April 27, 2013

Tata Institute of Fundamental Research, Centre for Interdisciplinary Sciences,
Narsingi, Hyderabad

Time	Speaker
8.45-9.00 AM	Inauguration (Sriram Ramaswamy, Mustansir Barma, Ramakrishna Ramaswamy)
	Session 1: Chair: Rama Govindarajan
9.00-9.20	Ramakrishna Ramaswamy <i>1/f Noise in water and other systems</i>
9.20-9.40	G. Krishnamoorthy <i>Fluorescence dynamics in biology</i>
9.40-10.00	Shyamalava Mazumdar <i>Understanding the role of the non-bonded amino acids near the metal ion in a metalloprotein: rational design of an artificial metalloenzyme</i>
10.00-10.20	Ankona Datta <i>Phospholipid sensors: targeting the membrane lipidome</i>
10.20-10.40	Tea Break
	Session 2: Chair: Kalidas Sen
10.40-11.00	T. P. Radhakrishnan <i>A new hierarchy of assembly of molecular materials through the amorphous phase</i>
11.00-11.20	Deepa Khushalani <i>Materials chemistry of oxides: formation and function</i>
11.20-11.40	R. Chandrasekar <i>Light-soft matter interaction: organic optical wave guides</i>
11.40-12.00	Ashwini Nangia <i>Temozolomide-Succinic acid cocrystal: From chemistry to pre-clinical</i>
12.00 -12.20	A. Sri Rama Koti <i>Mechanical stability of proteins probed by single-molecule methods</i>
12.20-12.40	Sudipta Maiti <i>No misfolding for amyloid beta</i>
12.40-2.00	Lunch

	Session 3: Chair: K. C. Kumara Swamy
2.00-2.20	Anunay Samanta <i>What do the fluorescence studies in ionic liquids tell us about these substances?</i>
2.20-2.40	Sanjay Wategaonkar <i>Probing weak H-bonds</i>
2.40-3.00	Jyotishman Dasgupta <i>Unraveling the molecular nature of facile charge transfer in organic photovoltaics</i>
3.00-3.20	Susanta Mahapatra <i>Stellar spectroscopy and diffuse interstellar bands</i>
3.20-3.40	Ravindra Venkatramani <i>Shake to make or break: protein dynamics revealed through the computational microscope</i>
3.40-4.00	Tea Break