

Celebration of chemistry @IIT Kanpur

---

<b>FRIDAY, 2<sup>ND</sup> DECEMBER 2011</b>	
19:30	Dinner in VH
<b>SATURDAY, 3<sup>RD</sup> DECEMBER 2011</b>	
<i>Time</i>	<i>Title</i>
8:00-9:00	Registration
9:00-9:30	Inauguration
9:30-10:15	<b>Cavity Ring- Down Spectroscopy</b> R. Zare
10:15-10:45	<b>TEA</b>
10:45-11:30	<b>Synthetic Studies On Organoselenium Compounds As Antioxidants</b> <u>S. Chandrasekaran</u>
11:30-12:00	<b>FCS Study of Molecular Diffusion in Ionic Liquids, Vesicle and Proteins</b> <u>Kankan Bhattacharyya</u>
12:00-12:30	<b>Theoretical Modeling of Molecular Materials for Electronic Applications</b> <u>S. Ramasesha</u>
12:30-13:00	<b>Regioselective Knitting of Aniline via <i>ortho</i>-C<sub>arom</sub>-N Bond Fusion Using Transition Metal templates</b> <u>Sreebrata Goswami</u>

Celebration of chemistry @IIT Kanpur

---

13:00-14:00	<b>LUNCH</b>
14:00-14:30	<b>Organic Synthesis: A Discipline Of Everlasting Importance</b> <u>Y. D. Vankar</u>
14:30-15:00	<b>Teaching Chemistry to The New Generation: A Few Methods to Make it Interesting</b> <u>A.J. Elias</u>
15:00-15:30	<b>Ammonia-Borane: An Old Molecule with A New Application</b> <u>V. Chandrasekhar</u>
15:30-16:00	<b>Renewable Energy: Water Oxidation</b> <u>R N Mukherjee</u>
16:00-17:00	<b>TEA/POSTER</b>
17:00-17:30	<b>Homometallic And Heterometallic Metal...Metal Interactions</b> <u>Harkesh B. Singh</u>
17:30-18.00	<b>Oligosaccharides: Synthesis and Application</b> <u>Balaram Mukhopadhyay</u>
18:00-19:00	<b>A Scrapbook of Small Things</b> <u>Animesh Chakravorty</u>
20:00-22:00	<b>DINNER</b>

<b>SUNDAY, 4<sup>TH</sup> DECEMBER 2011</b>	
9:30-10:15	<b>T. D. P. Stack</b>
10:15-10:45	<b>TEA</b>
10:45-11:30	<b>Structural motifs and shapes of atomic and molecular clusters</b> <u>N. Sathyamurthy</u>
11:30-12:00	<b>Photoresponsive Soft Materials</b> <u>Suresh Das</u>
12:00-12:30	<b>All-Metal Aromaticity And H<sub>2</sub> Storage: A Conceptual DFT Study</b> <u>Pratim Kumar Chattaraj</u>
12:30-13:00	<b>Ultrafast Dynamics of the Excited States Using Femtosecond Time-Resolved Spectroscopy</b> <u>Dipak K. Palit<sup>a</sup></u>
13:00-14:00	<b>LUNCH</b>
14:00-14:30	<b>Cationic Peptides And Peptide Nucleic Acids: Probing Their Entry Into Cells</b> <u>Krishna N Ganesh</u>
14:30-15:00	<u>J.K.Bera</u>
15:00-15:30	<b>Unreasonable Effectiveness Of Classical Mechanics In Chemistry?</b> <u>K. Srihari</u>

Celebration of chemistry @IIT Kanpur

---

15:30-16:00	<b>Understanding Chemistry with Fast Light</b> <u>Debabrata Goswami</u>
16:00-17:00	<b>TEA/POSTER</b>
17:00-17:30	<b>Chemical Means For Nanoscale Patterning And Chemical Locomotion</b> <u>Arun Chattopadhyay</u>
17:30-18:00	<b>Functional Models of Oxygen-Activating Nonheme Iron Enzymes</b> <u>Tapan Kanti Paine</u>
18:00-19:00	<b>Chemistry For A Sustainable Future: Serenading A Great Legacy</b> <u>G. Mehta.</u>
20:00-22:00	<b>DINNER</b>
<b>MONDAY, 5<sup>TH</sup> DECEMBER 2011</b>	
9:30-10:15	<b>Theory-Driven Design Of New Precursors For Nanostructured Silicon Deposition: A Fresh Look At The Chemistry Of Perchlorosilanes</b> <u>Max C. Holthausen<sup>a</sup></u>
10:15-10:45	<b>TEA</b>
10:45-11:30	<b>Points organic synthesis with boron at the helm</b> <u>Varinder.K.Aggarwal</u>
11:30-12:00	<b>Synthesis And Structure Revision Of Amathamides, Brominated Marine Alkaloids</b> <u>Faiz Ahmed Khan</u>

Celebration of chemistry @IIT Kanpur

---

12:00-12:20	<b>Dinuclear Metal Complexes Modelling Active Sites Of Metallohydrolases</b> <u>Martin Jarenmark,<sup>a</sup></u>
12:20-12:40	<u>Amitava.Das</u>
12:40-13:00	<b>Development of New Strategies for Total Synthesis of Natural Products</b> <u>Rodney A. Fernandes</u>
13:00-14:00	<b>LUNCH</b>
14:00-14:20	<b>Heterometallic Cubane-Type Clusters</b> <u>Sundargopal Ghosh</u>
14:20-14:40	<b>Control Of Spins By Ring Deformations: A Novel Series Of Oxo And Hydroxo Bridged Fe(III)/Mn(III) Bisporphyrins</b> <u>Dr. S. P. Rath</u>
14:40-15:00	<b>Spontaneous Formation of Hydrogen from Water at Rh/Al<sub>2</sub>O<sub>3</sub> Interface</b> <u>Nisanth N. Nair<sup>a</sup></u>

