

**One Day symposium 'On Recent Trends in Inorganic Chemistry (RTIC)'
in honour of Professor Samuelson
Date 17-07-2021**

Date 17-07-2021		Inauguration 9.00 am to 9.05 am (Professor E. Arunan, Chairman IPC, IISc)
Session 1		Chair Prof. V. Krishnan and A. R. Chakraborty, IPC, IISc
Time	Speaker	Topic
09.05 am to 09.35 am	Prof. Alan. S. Goldman Department of Chemistry and Chemical Biology, Rutgers, USA.	Catalytic Transformations of Hydrocarbons by Pincer-Iridium Complexes. New Approaches, New Reactions
09.35 am to 10.00 am	Professor N. Narasimha Murthy, Department of Chemistry, IIT-M.	Ligand controlled structure, spectroscopy and oxidation reactions of 3d-metal complexes
10.00 am to 10.25 am	Professor Baruah, J. B. Department of Chemistry, IIT-Guwahati	Reactivity and in-situ transformations of selected nitrogen donor ligands and their first row transition metal complexes
Tea Break (10.25 am to 11.00 am)		
Session 2		Chair: Professor S. S. Krishnamurthy and Professor K. L. Sebastian, IPC, IISc
11.00 am - 11.30 am	Professor Kumaravel Somasundaram- Chairman, MCBL, IISc- Bangalore	Cancer stem cells: understanding tumor hierarchy and heterogeneity.

11.30 am - 11.50 am	Professor C. Sivasankar, Department of Chemistry, Pondicherry University.	Copper in nitrogen and carbene chemistry: Catalysts or co-catalysts
11.50 am to 12.10 pm	Professor Akshai Kumar, Department of Chemistry, IIT-Guwahati Professor	Synthesis of Speciality Chemicals Via Catalytic Transformations by Pincer-Metal Complexes
12.10 pm to 12.40 pm	Professor Gernot Frenking , Fachbereich Chemie, Philipps-Universität Marburg, Germany	Chemical Bonding and Valence
Lunch break -12.40 pm to 02. 00 pm		
Session 3 Chair Professor E. D. Jemmis and Professor S. Vasudevan, IPC, IISc		
2.00 pm to 2.30 pm	Professor Flix Tuczek, Institut für Anorganische Chemi, Christian-Albrechts-Universität zu Kiel.	A Chatt-type catalyst with a Single Coordination Site for Dinitrogen Reduction to Ammonia
2.30 pm to 2.55 pm	Professor J. K Bera, Department of Chemistry, IIT-Kanpur	Ligand Electronic Asymmetry in Organometallic Catalysis
2.55 pm to 3.20 pm	Professor S. Ramakrishnan, IPC, IISc Bangalore	Strategies for reducing length scales of microphase separation and more ...
3.20 pm to 3.40 pm	Dr. S. Dinda, Schrödinger, Sanali Infopark, Hyderabad 500034, India	Catalyst Design using molecular modelling and data-driven approach

3.40 pm to 4.05 pm	Pushpendu Kumar Das, IPC, IISc Bangalore.	The story of ferrocene and...
Felicitation 4.30 pm to 6.30 pm		