

An Indo-German Symposium
Department of Chemistry
Indian Institute of Technology - Kanpur
Venue: Outreach Auditorium, IITK

Detailed programme

October 26 (Friday), 2007

	Time	Speaker	Title
	8:15-9:00 am	Inauguration and Tea	
Session-I Chairperson Prof. B.D. Gupta	9:00 - 9:30 am	Prof. H. -U. Reissig	A novel synthesis of highly functionalized pyridine derivatives
	9:30 - 10:00 am	Prof. E. D. Jemmis	A structural chemistry for boron
	10:00 - 10:30 am	Prof. Carsten Bolm	Asymmetric organocatalysis under uncommon conditions
	10:30 - 11:00 am	TEA	
Session-II Chairperson Prof. H. -U. Reissig	11:00 - 11:30 am	Prof. T. P. Radhakrishnan	Noble metal nanostructure-embedded polymer films
	11:30 - 12:00 am	Prof. Andreas Marx	Chemical biology of DNA replication
	12:00 - 12:30 pm	Prof. A. R. Chakravarty	Metal based DNA Photocleavers
	12:30 – 2:00 pm	LUNCH and POSTERS	
Session-III Chairperson Prof. P. K. Bharadwaj	2:00 - 2:30 pm	Prof. Bernhard Lippert	Artificial, metal containing nucleobase triplets and quartets
	2:30 – 3:00 pm	Prof. A. Basak	Cycloaromatization behaviour of enediynes and related systems
	3:00 – 3:30 pm	TEA	
Session-IV Chairperson Prof. Christoph Schneider	3:30 - 4:00 pm	Prof. Oliver Seitz	Recognizing and controlling biomolecular interactions
	4:00 – 4:30 pm	Prof. S. Umopathy	Contemporary applications of Raman spectroscopy
	4:30 – 5:00 pm	Prof. A. J. Elias	Organometallic chemistry of P-N compounds: From ferrocene to cobalt based metallocenes and metallacycles
	7:00 pm onwards	MIXER and DINNER (Venue: House Number 4056)	

October 27 (Saturday), 2007			
	Time	Speaker	Title
Session-V Chairperson Prof. A. Chandra	8:30-9:00 am	Prof. S. K. Hashmi	Gold catalysis: Mechanisms and synthetic scope
	9:00 - 9:30 am	Dr. G. P. Pandey	Asymmetric desymmetrization: Conceptual creation to synthetic explorations
	9:30 - 10:00 am	Prof. W. Nau	Cucurbiturils - Fascinating Macrocycles
	10:00 - 10:30 am	Prof. T. K. Chandrashekar	Expanded porphyrins; materials for third order NLO applications
	10:30 - 11:00 am	TEA	
Session-VI Chairperson Prof. Andreas Marx	11:00 - 11:30 am	Prof. K. N. Ganesh	Supramolecular mimics of DNA base pairing
	11:30 - 12:00 am	Prof. Sanjay Mathur	Chemically designed nanoparticles and nanowires: Controlled growth, applications and devices
	12:00 - 12:30 pm	Prof. N. Sathyamurthy	Atoms and molecules in a confined environment
	12:30 – 2:00 pm	LUNCH and POSTERS	
Session-VII Chairperson Prof. R. N. Mukherjee	2:00 - 2:30 pm	Prof. Franc Meyer	Bioinspired substrate transformations at highly preorganized bimetallic sites
	2:30 – 3:00 pm	Prof. S. Ramakrishnan	Conformationally organized macromolecules
	3:00 – 3:30 pm	TEA	
Session-VIII Chairperson Prof. Bernhard Lippert	3:30 - 4:00 pm	Prof. K. Bhattacharya	Study of organized and biological assemblies using a femtosecond laser
	4:00 – 4:30 pm	Prof. Uday Maitra	Dendritic structures from bile acids
	4:30 – 5:00 pm	Prof. Christoph Schneider	Catalytic, enantioselective synthesis of fine chemicals
	7:30 onwards	Banquet (Venue: Rave, Kanpur City)	

October 28 (Sunday), 2007			
	Time	Speaker	Title
Session-IX Chairperson Prof. V. K. Singh	8:30-9:00 am	Prof. R. Murugavel	Designer phosphates from primary building blocks
	9:00 - 9:30 am	Prof. Mathias Wagner	Boron-bridged organometallic polymers
	9:30 - 10:00 am	Prof. Y. D. Vankar	Synthesis of glycosidase inhibitors: Molecules of potential therapeutic importance
	10:00 - 10:30 am	Prof. Gerhard Stock	Computer simulation of ultrafast biomolecular dynamics and spectroscopy
	10:30 - 11:00 am	TEA	
Session-X Chairperson Prof. Oliver Seitz	11:00 - 11:30 am	Dr. T. K. Chakraborty	Epoxide opening with Ti(III): From methodology to synthesis of natural products
	11:30 - 12:00 am	Prof. G. Mugesh	Bioinorganic chemistry of zinc hydrolases
	12:00 – 12:30 pm	Dipl. Chem. Holger Ott	Charge Density Distribution in Lithiumorganics
	12:30 – 1:00 pm	CLOSING SESSION	
	1:00 – 2.00 pm	LUNCH	