

Inter-IISER Chemistry Meet (IICM - 2017)

20th - 22nd Jan., 2017

Venue: Auditorium, Visitor's Hostel, IISER Bhopal

Program Schedule of Poster Presentation

January 20, 2017 (Friday)	
SESSION 1 (01:00 PM-03:00 PM)	
PP 01	Mr. Haribabu Chennamsetti, IISER Bhopal Title: 'An Unprecedented [4+2] Benzannulation of Oxindoles With Enalcarbenoids'
PP 02	Mr. Ashok Yadav, IISER Pune Title: 'Guest templated synthesis of tetrahedral [Pd ₁₂ L ₆] cages and their selective encapsulation of <i>o</i> -xylene and mesitylene over other analogues'
PP 03	Ms. Narayani Ghosh, IISER Bhopal Title: 'Direct Insight into the Nonclassical Hydrophobic Effect in Bile Salt:β-Cyclodextrin Interaction: Role of Hydrophobicity in Governing the Prototropism of a Biological Photosensitizer'
PP 04	Dr. Bidyut K. Dinda, IISER Berhampur Title: 'Asymmetric Transfer Hydrogenation of α-Aryloxy-β-Ketoesters: Expeditious Approach to the Biologically Active Lignins Sharing Vicinal Stereocenters'
PP 05	Mr. Pradip Kumar Mondal, IISER Bhopal Title: 'Quantitative investigation of the structural, thermal and mechanical properties in polymorphs of a fluorinated amide'
PP 06	Mr. Ajit Kumar Kharwar, IISER Bhopal Title: 'Palladium Nanoparticles Embedded Amine Functionalized MOF: A Highly Active Heterogeneous Catalyst for Suzuki-Miyura Coupling Reactions'
PP 07	Mr. Nithiyandanan Krishnan, IISER Thiruvananthapuram Title: 'Self-assembly of DNA-Dendron (Tetraphenylethylene) Hybrid Amphiphiles into DNA Decorated 2D-Nanosheets: A Template for Catalysis'
PP 08	Dr. Ruchika Mishra, IISER Bhopal Title: 'PBI-Porphyrin Dyads: Synthesis, Structure, and Photophysical Properties'
PP 09	Ms. Aparna Banerjee, IISER Pune Title: 'Rigid Metal Organic Framework Capable of Showing Guest Induced Phase Transition'
PP 10	Dr. Sudipta Ghosh, IISER Bhopal Title: 'Bacterial Protein Transport Machinery: An Emerging Therapeutic Target for Small Molecule Inhibitors'
PP 11	Mr. Arun Suneja, IISER Bhopal Title: 'Enantioselective Hydrophosphonylation of <i>in situ</i> Generated <i>N</i> -Acyl Ketimines Catalyzed by BINOL-Derived Phosphoric Acid'
PP 12	Mr. Datta Markad, IISER Mohali Title: 'Novel Bifunctional Metal Organic Coordination Networks for Catalysis'
PP 13	Moh. Sattar, IISER Bhopal Title: 'Transition Metal Catalysed C-H Functionalization of Ferrocene Carboxamide using 8-Aminoquinoline as a Removable Directing Group'
PP 14	Ms. Riki Das, IISER Bhopal Title: 'Palladium-catalyzed, <i>ortho</i> -selective C-H Halogenation of benzyl nitriles, aryl Weinreb amides and anilides'
PP 15	Mr. Siddheswar K. Bankar, IISER Mohali Title: 'Novel Transformations Leading to the Synthesis of O,S-Containing Heterocycles'

PP 16	Mr. Adiki Raja Sekhar, IISER Bhopal Title: 'Zwitterionic BODIPYs with Larger Stoke Shift: Small Molecular Biomarkers for Live Cells'
PP 17	Mr. Prabu M., IISER Thiruvananthapuram Title: 'Discriminative Detection of Aliphatic Amines using Electron Deficient Five-fold Interpenetrated Coordination Polymer'
PP 18	Mr. S. R. Adusumalli, IISER Bhopal Title: 'Site-Selective Histidine Modification of Native Proteins'
PP 19	Dr. Rajshekhar A. Unhale, IISER Berhampur Title: 'Chiral Phosphoric Acid Catalyzed Enantioselective Addition of Thiols to <i>in Situ</i> Generated Ketimines: Synthesis of <i>N,S</i> -Ketals'
PP 20	Mr. Suraj K. Gupta, IISER Bhopal Title: 'Electronically Tuned RuII-NHC-Based Hydrocarbon Oxidation Precatalysts'
PP 21	Mr. Sanjay Maity, IISER Bhopal Title: 'Strategies to Suppress the Rapid Intramolecular <i>oxa</i> -Michael Addition for the Enantioselective Synthesis of <i>oxa</i> -Cycles'
PP 22	Ms. Neeru Mittal, IISER Mohali Title: 'Pd nanowires as an excellent catalyst for reduction of 4-NP to 4-AP'
PP 23	Mr. Dilip K. Paluru, IISER Mohali Title: 'Silver Catalyzed Domino Addition: A One-Pot Approach to Indolizine Derivatives Through Intermolecular Double 5- <i>endo-dig</i> Cyclization Between <i>o</i> -Alkynyl Amines and Pyridine Derivatives'
PP 24	Mr. Sujoy Bandopadhyay, IISER Bhopal Title: 'Fabrication and Applications of Novel Multifunctional Porous Organic Polymers'
PP 25	Ms. Ardra M. S., IISER Bhopal Title: 'Fluorogenic Probe for Removal of Endoplasmic Reticulum Stress'
PP 26	Ms. Sandhya Singh, IISER Mohali Title: 'Luminescent Lanthanide Complexes for Sensing of Nitroaromatic Explosives'
PP 27	Dr. Vijay Kumar Ravi, IISER Bhopal Title: 'Temperature Mediated Aggregation of Reduced Lysozyme at Physiological pH and its Luminescence Feature'
PP 28	Dr. Kaustabh Kaluskar, IISER Bhopal Title: 'Emergence of Ferromagnetism at the Interface of LaAlO ₃ CaMnO ₃ : Non Magnetic Band and Mott Insulator'
PP 29	Ms. Shaina Dhamija & Monika Dahiya, IISER Mohali Title: 'Ultrafast Energy Transfer Dynamics within Quantum Dots: From Ensemble Measurements to Single Particle Probing'
PP 30	Mr. Mrinal Kanti Das, IISER Bhopal Title: 'Asymmetric Total Syntheses of <i>Amaryllidaceae</i> Alkaloids via a DYKAT Following a Key Pd(0)-Catalyzed Decarboxylative Allylation'
January 21, 2017 (Saturday)	
SESSION 2 (01:00 PM-03:00 PM)	
PP 31	Mr. K. Naresh Babu, IISER Bhopal Title: 'Cu(II)-PHOX-Catalyzed Highly Enantioselective Malonate Addition onto 3-Hydroxy-2-oxindoles: Formal Total Syntheses of Dimeric Pyrroloindoline Alkaloids'
PP 32	Mr. Vijay Gupta, IISER Mohali Title: 'Linker Induced Structural Diversity of Coordination Architectures'
PP 33	Ms. Pragyan Pallavi, IISER Bhopal Title: 'Efficient White Light Emission in Solution, Nanoparticles, Gel and Thin Film'

	Employing Porous Organic Polymer'
PP 34	Ms. Kanupriya Verma, IISER Mohali Title: 'Borazine and its Rich Spectrum of π -Complexes: A Matrix Isolation Infrared and Ab Initio Study'
PP 35	Mr. Chandrapratap Singh, IISER Bhopal Title: 'Solid State Proton Conduction through Oxygen Functionalized Few-Layer Graphene'
PP 36	Mr. Sriram Mahesh, IISER Mohali Title: '5-endo-dig Cyclization of Pyridine Derivatives via Cu-Catalyzed Hydrophosphonylation: An Expedient Access to Indolizine Derivatives'
PP 37	Mr. Falguni Chandra, IISER Bhopal Title: 'Tailoring Emission Properties Using Macrocyclic Nanocavities for Drug Delivery Applications'
PP 38	Ms. Sudha Devi, IISER Mohali Title: 'Synthesis, Photoswitching and Computational Studies of Multiple Azobenzene Connected Photochromic System'
PP 39	Mr. Arunkumar M., IISER Bhopal Title: 'Towards Benchmarking Electrode Preparation For Supercapacitor Application'
PP 40	Ms. Sorout Shalini, IISER Pune Title: 'Enhancement of Proton Conductivity of Metal Organic Frameworks by Post-Synthetic Modification'
PP 41	Mr. Nirmal K. Das, IISER Bhopal Title: 'Chemosensing Probed at Single Molecule Resolution by Micelles Entrapped Cresyl Violet'
PP 42	Ms. Jyoti Saini, IISER Mohali Title: 'Propargyl Alcohol and its Rich Hydrogen Bonded Chemistry: Matrix Isolation Infrared and Ab initio Studies'
PP 43	Mr. Gangaram Srikanth Kumar, IISER Bhopal Title: 'Ruthenium-II catalyzed C-H Activation of Anilines by Traceless Directing Group: A Facile Access to Quinolines by Employing Allylic Alcohols as Coupling Partner'
PP 44	Mr. Sadhan Jana, IISER Bhopal Title: 'Copper-Catalyzed Oxytrifluoromethylation of Alkenes'
PP 45	Mr. Ajit K. Yadav, IISER Mohali Title: 'Electronic Structure of Five Membered Heterocyclic Radicals - A Computational Study'
PP 46	Mr. Rohit Bhowal, IISER Bhopal Title: 'Experimental and Computational Insights into Energy Contributions of Intermolecular Interactions in Fluorine & Trifluoromethyl Substituted N-Phenylisobutyramides'
PP 47	Mr. Hare Ram Yadav, IISER Mohali Title: 'Controlling the Crystal Packing Feature by Weak C-H...F Bond(s) in the Absence of Strong Hydrogen Bond'
PP 48	Mr. Biju Basumatary, IISER Bhopal Title: 'Meso/ β -Conjugated Corrole BODIPY Hybrids: Synthesis, Structures and Investigation of Photophysical Properties'
PP 49	Mr. Vikram Singh Bhati, IISER Mohali Title: 'Investigations on Synthesis, Stability and Fluorescence Properties of Biocompatible -SH Capped Ag-Clusters'
PP 50	Mr. Champak Dutta, IISER Bhopal Title: 'Switchable C-H Activation/Functionalization with Rh(III)- α NHC Platform'
PP 51	Mr. Landa Purushottam, IISER Bhopal Title: 'Chemoselective and Site-Selective Peptide and Native Protein Modification Enabled by Aldehyde Auto-Oxidation and Multi-Component Approach'
PP 52	Mr. Ravi Ranjan, IISER Mohali

	Title: ' <i>Cis-Trans</i> Isomers in <i>o</i> -Nitrophenol'
PP 53	Mr. Bijoy Dey, IISER Bhopal Title: ' <i>Cation Mediated Cooperative Spin Crossover Behavior in Fe(III)-Complex</i> '
PP 54	Mr. Amarchand Parida, IISER Bhopal Title: ' <i>Unified Approach to the Icetaxane and nor-Icetaxane Diterpenoids via a Key Formylation-Aldol-Condensation Cascade</i> '
PP 55	Mr. Sumit Agrawal, IISER Mohali Title: ' <i>Hydrogen Bonded Complexes of N-Heterocyclic Carbene with Water</i> '
PP 56	Mr. Arnab Biswas, IISER Bhopal Title: ' <i>Construction of Enantioenriched Chromans via Tandem Michael/Michael Strategy with Bifunctional Organocatalyst</i> '
PP 57	Mr. Bapurao Lad, IISER Bhopal Title: ' <i>Enalcarbenoids: A New Catalytic Activation Mode for Heterocycle Synthesis</i> '
PP 58	Mr. Bhupendra Goswami, IISER Mohali Title: ' <i>Cyclic (Alkyl) (Amino) Carbenes (CAACs) Mercury(II) Adducts and Their Role as Catalysts in Intermolecular Hydroamination Reactions</i> '
PP 59	Ms. Tulsi Upadhyay, IISER Bhopal Title: ' <i>Structure Based Design of Inhibitors for Bacterial Hsp70 System</i> '
PP 60	Mr. Shyamal K. Bera & Dr. Bidyut K. Dinda, IISER Berhampur Title: ' <i>Lewis Acid Catalyzed Cascade Involving 5-exo-dig Cyclization: Modular Approach to Bioactive Neo-Lignan and Dimeric Resveratrol Scaffolds</i> '