

ISCIC-12 Poster Presentation

No.	Name	Title
IP-01	Yu-Tai Chiou	Structural Characterization and Property of Four Co(II) Coordination Polymers Constructed with 1,3,5-tris(4-pyridylsulfanyl-methyl)2,4,6-trimethyl-Benzene
IP-02	Hung-Ruei Pan	Reactivity of Iron(III) complexes Supported with a Tris(thiolato)phosphine Ligand[1]
IP-03	Meng-Jung Tsai	Analogous Nickel(II) and Cobalt(II) Metal–Organic Frameworks Showing Influence of Framework Metal Ion on the Dye Removal Properties from Water
IP-04	Kuo-Shun Liao	Luminescent Zn(II) Coordination Polymers as Efficiently Fluorescent Sensors for Highly Sensitive Detection of Explosive Nitroaromatics
IP-05	Bo-Min Chuang	Engineering Tailored Fluorescent Zn-Based Pillared-Layer Frameworks: Synthesis, Structures, CO ₂ Uptake, and Nitro-Analyte Sensing
IP-06	Xian Qin	Suppression of Defect-Induced Quenching via Chemical Potential Tuning: A Theoretical Solution for Enhancing Lanthanides' Luminescence
IP-07	Chuan-Sheng Huang	Syntheses and Studies of Highly potential Precursor of Low-coordination and Low-valent Diruthenium Complex
IP-08	Meng-Wei Lee	Reaction Studies of 2-(2-Cyanophenyl)benzotrile with Mutiply-bonded Dimolybdenum Boraamidinates
IP-09	Long-Chih Hwang	Synthesis, Molecular Structure and Characterization of the 1-Allyl-6-amino-3-methyl-1,2,4-triazolo[3,4-f][1,2,4]triazin-8(1H)-one: Three Independent Molecules in the Unit Cell

IP-10	Mei-Hui Huang	Beyond The PN3P System: Synthesis of Non-Symmetrical PNP-oxo Pincer Ligands and The Unique Ni-Ag Binary Metal Complex
IP-11	Jia-Hua Tsai	Assemblies of Two Manganese(II)-Squarate Coordination Polymers with Noncovalent and Covalent bonds Derived from Flexible Ligands, 1,2-bis(pyridyl)ethane (dpe)
IP-12	Shih-Ting Huang	Structural Characterization and Water Ad-/de- sorption Property of Two coordination polymers (CPs), $[M(4,4' \text{-bipy})(C_4O_4)(H_2O)_2] \cdot 3H_2O$ (M=Mn (1), Fe (2) and 4,4' -bipy = 4,4'-bipyridine, C ₄ O ₄ ²⁻ = dianion of H ₂ C ₄ O ₄)
IP-13	Yen-Lin Chen	A three-dimensional (3D) porous supramolecular architectures for the storage of toxic aromatics
IP-14	Kuang-Ting Chen	Thermal-induced Structural Transformation and Coloring Changing Behavior via De-/re-hydration in a 3D Supramolecular Network
IP-15	Yi-Fang Lin	Assemblies of Three Coordination Polymers Constructed by Using a Linear Diimidazole Schiff Base Ligand
IP-16	Wei-Cheng Yi	Assembly of Five Three-dimensional (3D) M(II) Coordination Polymers (M = Mn, Co, Cu and Zn) Constructure by 5-Nitroisophthalic acid (nipa) and 1,3-bis(4-pyridyl)propane (bpp)
IP-17	Wei Yan Ong, Tang Yun	Synthesis, Structural Characterization and Thermal-stability of Two Metal Coordination Compound by the Zn(II) and Co(II) ions with 1,4-bis(4-pyridyl)2,3-diaza-1,3-butadiene (4-bpd) and 1,3,5 Benzenetricarboxylic acid (H ₃ BTC) Ligands
IP-18	Tzu-Heng Wang	Structure Characterization of Two Co(II) / Mn(II) Coordination Polymer Constructed by 5-Nitroisophthalic acid (nipa) and 2,5-bis(4-pyridyl)-3,4-diaza-2,4-hexadiene (bpdh)
IP-19	Lizhao Zhu	Synthesis of N-heterocyclic silylene with bulky boryl substituents
IP-20	Mu-Jeng Cheng	Dual Functions of Water in Stabilizing the Metal-Pentazolate Hydrates $[M(N_5)_2(H_2O)_4] \cdot 4H_2O$ (M = Mn, Fe, Co, and Zn) High-Energy Density Materials

IP-21	Hao-Wei Li	Catalytic Reduction of Hydrazine to Ammonia by a Mononuclear Iron(II) Complex on a Tris(thiolato)phosphine Platform
IP-22	Yunping Bai	Arene-Tethered Silylene Ligand Enabling Reversible Dinitrogen Binding to Iron and Catalytic Silylation
IP-23	Yu-Huei Li	A Multiply Bonded Trigonal-Planar Antimony(0)-Chromium Carbonyl Complex: Dual Roles as a Lewis Acid and a Reducing Agent
IP-24	Han-Ying Liu	Synthesis and Catalytic Properties of Rigid Bidentate Ligand Supported Diobreniums
IP-25	Ming-Kang Song	Ruthenium-arene complexes bearing PGeP ligand catalyzed hydroboration of pyridine derivatives
IP-26	Nagarjuna Kumar Srungavruksham	PSb+P-Pincer Ligand: A platform for Stibonium to Transition Metal Interaction
IP-27	Tsai-Yu Hung	Green and Reusable FeCl ₃ • 6H ₂ O/cationic 2,2'-bipyridyl catalytic system for Reduction of Nitroarenes in Water with High Selectivity
IP-28	Hanqiang Wang	Synthesis and Structural Characterization of Carborane-Fused Boracycles
IP-29	Lin-Ting Lin	Geometry-Induced Methods for Synthesizing Metalloligands
IP-30	Sung-Fu Hung	Development of High-efficient Electrocatalysts and Photoelectrocatalysts and Their In-/Ex-situ Analysis
IP-31	Kai-Ti Chu	Energy-Efficient Hydrogen Evolution by Fe-S Electrocatalysts: Mechanistic Investigations

IP-32	Shih-Yu Wang	Construction of Terpyridine-Based Supramolecular Structures and Their Self-Sorting Behavior
IP-33	Mandy M. Lee	Platinum (II) Salen Complex as the Photosensitizer for Energy Upconversion via Triplet-Triplet Annihilation
IP-34	Lipeng He	Nano-Sized Metallo-Supramolecular 3D Architectures Constructed by Heteroleptic Terpyridine Complexation
IP-35	Meng-Wei Lee	Reaction Studies of 2-(2-Cyanophenyl)benzotrile with Mutiply-bonded Dimolybdenum Boraamidates
IP-36	Nai-Yuan Jheng	Theoretical Elucidation on the Ring-Opening Polymerization Mechanism of L-Lactide and ϵ -Caprolactone Initiated by Aluminum Ketiminate Complexes
IP-37	Yu Chen	Copper Catalyzed o-Carboranyl B-H Functionalization with Alkynes