

Poster Assignments

Poster #	(Lead) Presenter	Title
1	Abbas, Sulaiman	Effects of Hydrogen Bonding on the Photodynamic Behavior of 4-azido-1-(4-hydroxyphenyl) butan-1-one
2	Alatrsh, Noor	Controlling the Chemo- and Enantio-Selectivity of Cross Benzoin Reactions by Secondary Sphere Modification
3	Allen, Connor	Distinguishing Birch Reduction Pathways with Intramolecular KIEs
4	Armon, Amit Manor	Extracting design principles for kinetically stable quaternary ammonium hydroxide salts for electrochemical devices from machine learning models
5	Aue, Donald	Unexpected Mechanistic Behavior in Quantum Dynamics for Peracid Epoxidation of Alkenes
6	Austin, Madelyn	The Ortho-Meta Effect Revisited
7	Bard, Jeremy	Synthesis and Characterization of an Azaphosphinine-NBD Hybrid Fluorophore
8	Bartels, David	Radiation-induced Free Radical Chemistry of Borate Buffers
9	Bos, Haleigh	Mechanism and Reactivity Drivers of the Intramolecular Dearomative Didehydro-Diels–Alder Reaction of Heteroarenes
10	Chalfon, Meitar Klodin	Investigating Chemical Interactions and Solvent Effects in Organo-Catalysis
11	Cragin, Jeffrey	Solvent Dynamics in a Cationic Rearrangement
12	D'Amico, Joseph	Palladium-catalyzed Coupling of Aryl Halides to Organometallics from Tertiary Alcohols
13	Doyon, Allison	Synthesis and Lanthanide Coordination Chemistry of Six Thienyl Phosphine Oxide Ligands for Photophysical Applications
14	Dulal, Rashmita	Tuning Thiol-Michael Dynamic Chemistry through Photolabile Protecting Groups
15	Fernando, Bashini	From Light to Fracture: Triplet-Driven Mechanisms and Photodynamics of Azide Crystals
16	Fisher, Fran	Solid-State Photodynamics of Fluoro-Substituted Aryl Azides
17	Haas, Lainey	Photoswitches: Activation Energy and Recovery of InSten-Me
18	Haider, Zulqarnain	Single Component Photocatalytic Strategy for Anti-Markovnikov Nucleophilic Addition to Alkenes
19	Haneef, Aansa	A Metal-Free Single Component Photocatalytic Strategy for Anti-Markovnikov Addition to Alkenes
20	Havenner, Nicolas	Zero-Point Energy Effects on Transition State Theory in Proton And H-Atom Transfers
21	Husien, Roaa	Beyond the Active Site: Secondary-Sphere Noncovalent Control in Organocatalysis

Poster Assignments (continued)

Poster #	(Lead) Presenter	Title
22	Ijeoma, Innocentia	From Flatland to Curved π -Systems: Harnessing Pericyclic Reactions for the Synthesis of N-Doped Polycyclic Aromatics
23	Jones, Amanda	Mechanism and Phosphine Ligand Design in Homogeneous Gold (I) Catalysis
24	Joshi, Dharma	Mechanistic Study for Product Formation and Photodynamics Behavior of Crystals for Halogenated Aryl Azide
25	Jothish, Subhiksha	Confinement-Controlled Photochemistry in Stilbene Azides
26	Kakkad, Dhyeyi	Visible-light Activated Persulfide Donors Based on a BODIPY Photocage Scaffold
27	Kallemeyn, Jeffrey	Development of a Scalable Route to ABBV-576 Leveraging Multiple Process Technologies
28	Kazmierczak, Nathanael	Spectroscopic Insights into Nickel-Bipyridine Photoredox Catalysts
29	Khan, Muhammad Usama Gul	Three Wrongs Make a Right: A Computational Investigation of $[4n]$ - $[4n]$ - $[4n]$ π -Systems
30	Kuttiyil, Hrishikesh	Make it or Break it: Blue Light Activated Dynamic Covalent Bonds
31	Laze, Elissya	Recent Experimental and Computational Investigations of BF ₂ -Coordinated Azo Dyes, Hydrazones, and their Precursors
32	Loya, Jesus	Controlling Nitrogen Atom Inversion in the Solid State
33	Martinez, Nancy	Synthesis of a Tripodal CMPO Compound Bearing Hexyl Chains as a Ligand for <i>f</i> -Elements
34	Martins, Francisco	Light Triggered Metal-free Routes to Accessing CF ₂ X Containing Aromatics
35	Morgan, Kathleen	Efforts Towards the Synthesis of Novel Epoxide Radicals
36	Neils, Tom	A Meta-Analysis of Published Brønsted Plots Supports Brønsted's "Conventional" pK _a Values: 14.00 for Water and 0.00 for H ⁺ (aq)
37	Norman, Skylar	Generation of Oxiranylidene and Ketene from a Phenanthrene-Based Precursor
38	O'Leary, Daniel	PyQuiverHS: A Web Tool for Computing Isotope Effects
39	Ogba, Maduka	Interpretable Machine Learning as a Spatial Blueprint for Cyclic Peptide Design
40	Pandey, Vijay	Multifunctional Organophotocatalysts for Divergent Decarboxylative Protonation, Oxidation, and Alkylation
41	Poole, James	The Structure and Chemistry of Phosphazides and Iminophosphoranes: Steric Effects

Poster Assignments (continued)

Poster #	(Lead) Presenter	Title
42	Puthoff, Derek	Designing Visible Light Photoswitches for Protic Environments
43	Rablen, Paul	Why Does Bromine Atom Sometimes Add to an Alkene and Other Times Abstract an Allylic Hydrogen Atom?
44	Ramos, Marc	Bowls and Plates: Does Shape Give Different Mechanisms in Shining Light to Large Nitroaromatic Compounds?
45	Ranathunga, Nishadi	Synthesis and Molecular Recognition Property of 3D Nanographene
46	Schab, Evelyn	Characterization of Lanthanide Triflate Complexes with Thienyl-Substituted Phosphine Oxides
47	Schneider, Brooke	Light-Controlled Dynamic Covalent Chemistry Using Coumarin
48	Schober, Joao	From SMILES to Diradical Character in Microseconds: A Graph-Based Approach
49	Schoch, Timothy	Pyridoxal-Inspired Photo-Decarboxylase Catalysis: Photochemical Decarboxylation of Unprotected Amino Acids
50	Segura, Leobardo	Organometallic Catalysts with Potential: an Electro-generated Iridium Complex for Alkane Dehydrogenation
51	Skubi, Kazimer	Radical Conjugate Addition to Chalcones Enabled by Photoredox Catalysis
52	Turon, Maya	Multifunctional Quinoline Photocatalyst for Decarboxylative Protonation and Partial Carboxylic Acid Reduction
53	Van, Phu Kang	Mechanism and Behavior of a Biomimetic Photoswitch in Aqueous Environment
54	VanEngen-VerBeek, Andrea	Synthesis and Testing of Class II Selective Histone Deacetylase Inhibitors
55	Wiscons, Ren	The Ferroelectric Curie Temperature of Azangulene
56	Wiskur, Sheryl	Silicon Phthalocyanine Photocatalysis: A Physical Organic Chemistry Approach to Understand Reactivity

Formal poster sessions are 7:30-9:30pm on Sunday and Monday. But per recent tradition we will keep posters up for the duration of the meeting to foster informal browsing and conversation. Posters should be put up on Sunday afternoon and not removed Wednesday's mid-morning break (or no earlier than 7pm Tuesday for those departing early.)

During the two formal poster sessions, if a poster has a single presenter, ODD posters should be attended by their presenter the first and third half-hours of each poster session (7:30-8pm and 8:30-9pm), EVEN posters should be attended by their presenter the second and fourth half-hours (8-8:30pm and 9-9:30pm). If a poster has multiple presenters, please have it attended throughout the poster sessions.