

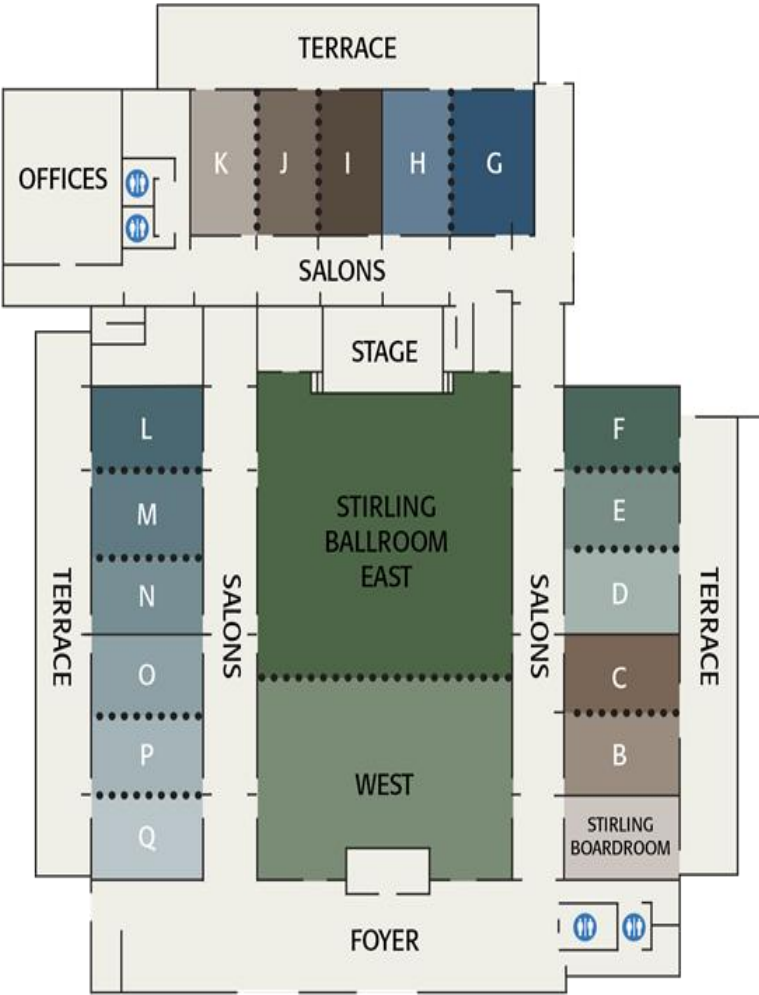


102nd Florida Annual Meeting and Exposition

Program of Activities

Cover design by Stefanie Habenicht and Lukasz Dobrzycki depicting a copper(II) tetrachloride layer from an organic-inorganic hybrid perovskite prepared by Tanzina Akter (Daniel Talham lab, Department of Chemistry, University of Florida)

Please note that Innisbrook is a CASHLESS resort and will only take credit or debit cards for payment. A card is required for incidentals at check-in.



STIRLING HALL

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2026 Florida Local Section Officers



Dr. Ajeet Kaushik
Chair



Dr. Stefanie Habenicht
Chair-Elect



Dr. Kari Basso
Past Chair



Dr. Pranshu Puri
Secretary



Dr. Ashlyn Hale
Treasurer



Dr. Carmen Gauthier
Councilor



Melanie Veige
Councilor



Dr. Beni Dangi
Alternate Councilor



Stan Seelig
Alternate Councilor

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Welcome Messages

From the FL-ACS Chair



It is an amazing experience to serve as chair of the Florida Section of the American Chemical Society (FLACS) and to support the organization of the Florida Annual Meeting and Exposition (FAME) 2026. It is my absolute pleasure to welcome all the participants, including speakers, sponsors, and attendees, to attend FAME-2025. Following tradition, this year's FAME will be an excellent opportunity to share, exchange, and discuss chemistry in line with the vision and mission of ACS. One of the objectives of FL-ACS and FAME is to promote chemistry for everyone, especially quality education, next-generation research, and the economic growth of Florida through collaboration and innovation.

FAME 2026 managed an outstanding program that included quality lectures, academic workshops, poster sessions, and interactive discussions that belong to various advanced fields of chemistry. All this happened only due to the very coordinated efforts and unconditional support of FLACS members, Past Chair, FLACS executive committee, FAME-2026 committee chair, session chairs, and volunteers.

I am sure these few days will be very productive and engaging.

Therefore, I encourage you all to maximize the benefits by interacting with peers and experts to build a network that can be useful for your success. Once again, thank you for supporting FAME 2026 with your presence, involvement, and support.

Sincerely,

Ajeet Kaushik, Ph.D.

Chair, Florida Section of the American Chemical Society

From the FL-ACS Chair-Elect



It is a true privilege to serve as Chair-Elect of the Florida Section of the American Chemical Society (FL-ACS) and to help welcome everyone to FAME 2026. I am delighted to join the Chair in greeting speakers, sponsors, exhibitors, students, postdoctoral scholars, faculty, and researchers as we gather at Innisbrook Resort.

What makes FAME special is the chance for our community to come together in person—to share emerging ideas, celebrate the work happening across Florida and the Southeast, and build the connections that strengthen both individual careers and the broader chemical enterprise. The diverse perspectives and shared enthusiasm our members bring are at the heart of this meeting, and I am genuinely looking forward to the conversations that will grow out of the sessions and poster presentations.

I encourage you to take full advantage of the inviting setting at Innisbrook. Whether you are presenting, networking between sessions, or simply reconnecting with colleagues, these few days offer a wonderful opportunity to engage, learn, and contribute to the vibrant chemistry community we all value.

Thank you for being part of FAME 2026. I look forward to meeting many of you in person and to the exciting year ahead for FL-ACS.

Sincerely,

Dr. rer. nat. Stefanie Habenicht

Chair-Elect, Florida Section of the American Chemical Society

Our Sponsors and Contributors

We are pleased to acknowledge the following companies and institutions for their generous contributions to FAME 2026.



2026 Florida Award

Steven A. Benner

Foundation for Applied Molecular Evolution

Alachua, FL



The 2026 Florida Award is presented to **Dr. Steven A. Benner**. Dr. Benner's work has fundamentally reshaped the chemical understanding of genetics, evolution, and the origins of life. He earned his undergraduate and Master's degrees in Molecular Biophysics and Biochemistry from Yale University, and his PhD in Chemistry from Harvard University. He has held professorial appointments at Harvard University, ETH Zurich, and the University of Florida, where he served as the V.T. & Louise Jackson Distinguished Professor of Chemistry.

In 2005, Dr. Benner founded the Foundation for Applied Molecular Evolution (FfAME) and the Westheimer Institute of Science and Technology (TWIST), organizations dedicated to advancing chemistry at the interface of biology, evolution, and technology. He has also founded biotechnology companies including EraGen Biosciences and Firebird BioMolecular Sciences LLC, and has contributed foundational technologies to multiple additional companies—among them Alantos, Bayer, Siemens, and DNA Script—supporting platforms in drug discovery, molecular diagnostics, and biotechnology. His innovations have led to diagnostic products widely used in medicine and to new strategies for developing novel classes of therapeutics.

Dr. Benner's laboratory achieved several historic scientific milestones. It was the first to synthesize a gene encoding an enzyme, an achievement that helped establish synthetic biology as a field and enabled new methods for DNA synthesis and sequencing. He also led the first successful efforts to construct DNA systems containing more than four nucleotide building blocks, expanding the genetic alphabet from four letters to twelve and demonstrating that heredity is a fundamentally chemical phenomenon not limited to natural DNA. His work further advanced dynamic combinatorial chemistry, enabling the discovery of small-molecule therapeutic leads, and laid the foundations of paleomolecular biology through the reconstruction and study of ancestral biomolecules.

In biology, Dr. Benner was instrumental in establishing paleogenetics, in which ancestral genes and proteins from extinct organisms are resurrected and studied experimentally to understand molecular evolution. He has also been a leading figure in astrobiology, developing experimental frameworks for the origin of life, investigating exotic chemistries on worlds such as Venus and Titan, and devising strategies to detect extraterrestrial life that may differ fundamentally from life on Earth.

Dr. Benner's honors include the Dreyfus Award for Young Faculty, a Sloan Foundation Fellowship, and election as a Fellow of both the American Association for the Advancement of Science and the International Society for the Study of the Origin of Life. He is the author of *Life, the Universe, and the Scientific Method* and is completing a new book on extant life on Mars, scheduled for publication in Summer 2026.

Past Florida Award Winners

2025: **Hans-Conrad zur Loye**, University of South Carolina
2024: **Brent Sumerlin**, University of Florida
2023: **Michael Therien**, Duke University
2022: **Igor V. Alabugin**, Florida State University
2021: **Jeffrey Johnson**, University of NC Chapel Hill
2020: **Brian C. Benicewicz**, University of South Carolina
2019: **John R. Reynolds**, Georgia Institute of Technology
2018: **Kevin M. Smith**, Louisiana State University
2017: **David N. Beratan**, Duke University
2016: **Richard D. Adams**, University of South Carolina
2015: **Lisa McElwee-White**, University of Florida
2014: **Weitao Yang**, Duke University
2013: **Joseph Schlenoff**, Florida State University
2012: **Weihong Tan**, University of Florida
2011: **Frank Millero**, University of Miami
2010: **Timothy Cross**, Florida State University
2009: **Kirk S. Schanze**, University of Florida
2008: **George Christou**, University of Florida
2007: **Naresh Dalal**, Florida State University
2006: **Roger M. Leblanc**, University of Miami
2005: **Charles R. Martin**, University of Florida
2004: **John G. Dorsey**, Florida State University
2003: **Kenneth B. Wagener**, University of Florida
2002: **Alan G. Marshall**, Florida State University
2001: **Thomas J. Vickers**, Florida State University
2000: **Rodney J. Bartlett**, University of Florida
1999: **Mostafa El Sayed**, Georgia Institute of Technology
1998: **Jack Saltiel**, Florida State University
1997: **N. Yngve Öhrn**, University of Florida
1996: **Luis Echegoyen**, University of Miami
1995: **Alan R. Katritzky**, University of Florida
1994: **Albert Padwa**, Emory University
1993: **Norman L. Allinger**, University of Georgia
1992: **Charles E. Carraher**, Florida Atlantic University
1991: **George R. Newkome**, University of South Florida
1990: **R. Bruce King**, University of Georgia
1989: **William R. Dolbier**, University of Florida
1988: **Edward K. Mellon**, Florida State University

1987: **Delos F. DeTar**, Florida State University
 1986: **Harry P. Shultz**, University of Miami
 1985: **Brian Stevens**, University of South Florida
 1984: **Leo Mandelkern**, Florida State University
 1983: **Theodore A. Ashford**, University of South Florida
 1982: **James D. Winefordner**, University of Florida
 1981: **Wallace Brey**, University of Florida
 1980: **Raymond Sheline**, Florida State University
 1979: **Mary Good**, Louisiana State University
 1978: **Harry Walborsky**, Florida State University
 1977: **Cecil Criss**, University of Miami
 1976: **William Jones**, University of Florida
 1975: **Dean F. Martin**, University of South Florida
 1974: **Sidney Fox**, University of Miami
 1973: **Gregory Choppin**, Florida State University
 1972: **James V. Quagliano**, Florida State University
 1971: **Ray Lawrence**, USDA Naval Stores Laboratory
 1970: **S. P. McGlynn**, Louisiana State University
 1969: **John Baxter**, University of Florida
 1968: **Earl Frieden**, Florida State University
 1967: **O. K. Rice**, University of North Carolina
 1966: **Paul Tarrant**, University of Florida
 1965: **Werner Herz**, Florida State University
 1964: **C. T. Bahner**, Carson-Newman College
 1963: **George Butler**, University of Florida
 1962: **Jack Hine**, Georgia Institute of Technology
 1961: **Michael Kasha**, Florida State University
 1960: **H. H. Sisler**, University of Florida
 1959: **J. E. Hawkins**, University of Florida
 1958: **Karl Dittmer**, Florida State University
 1957: **C. R. Hauser**, Duke University
 1956: **George K. Davis**, University of Florida
 1955: **H. E. Skipper**, Southern Research Institute
 1954: **C. B. Pollard**, University of Florida
 1953: **A. E. Wood**, University of Mississippi
 1952: **Paul Gross**, Duke University

Plenary Speaker

Lisa McElwee-White

University of Florida

Gainesville, FL



Prof. Lisa McElwee-White is currently Distinguished Professor of Chemistry and the Colonel Allen R. and Margaret G. Crow Professor at the University of Florida. She received her B.Sc. in Chemistry with Highest Distinction and Honors in Chemistry from the University of Kansas. She earned her Ph.D. in Chemistry from the California Institute of Technology (lab of Dennis A. Dougherty) and conducted postdoctoral research at Stanford University (lab of James P. Collman).

She joined the Stanford University faculty as Assistant Professor of Chemistry in 1985. In 1993, she moved to the University of Florida as Associate Professor, was promoted to Professor in 1997, and now holds the Colonel Allen R. and Margaret G. Crow Professorship. She has served as Associate Dean for Administrative Affairs in the College of Liberal Arts and Sciences and as Chair of the Department of Chemistry.

Dr. McElwee-White is an organometallic chemist whose research focuses on mechanism-based design of organometallic precursors for the deposition of inorganic thin films and nanostructures by techniques such as chemical vapor deposition. Her group's interdisciplinary work spans organic, inorganic, and materials chemistry, with applications in materials science and collaborations across academia, national laboratories, and industry.

She has received numerous honors, including the Southern Chemist Award (2024), Paul G. Gassman Distinguished Service Award (2024), Francis P. Garvan-John M. Olin Medal (2019), Charles H. Herty Medal (2019), and Florida Award (2015). Her contributions include extensive service to the American Chemical Society and editorial roles for major journals.

Showcase Symposium Speakers

The Florida Showcase Symposium features senior members of the Florida local section and the breadth and quality of their research or educational activities.



Raphael Raptis

Florida International
University



Kristina Håkansson

Florida State
University



Stephen Kuebler

University of Central
Florida

Professor Raphael G. Raptis received his B.S. in Chemistry from the Aristotle University of Thessaloniki, Greece, his M.S. in Chemistry from the University of Texas at El Paso, and his Ph.D. in Inorganic Chemistry from Texas A&M University. He conducted postdoctoral research at Texas A&M University and the Research School of Chemistry, Australian National University.

He began his independent career as Assistant Professor at the University of Crete (1993–1997), followed by positions at the University of Texas at El Paso and the University of Puerto Rico, Río Piedras (Professor, 1998–2013). In 2013, he joined Florida International University as Professor of Chemistry and Biochemistry.

Dr. Raptis is a synthetic inorganic chemist, electrochemist, and X-ray crystallographer. His research focuses on the study of metal center cooperation in polynuclear systems supported by pyrazole-derived ligands. Active projects include catalysis and small molecule activation, electronic structure and redox properties (including mixed-valence and electron transfer), magnetic exchange, functional materials such as redox-active metal-organic frameworks for gas sorption and solar energy applications, bioinorganic models and MRI contrast agents, lanthanide/actinide chemistry, and advanced characterization techniques (X-ray crystallography, spectroscopy, electrochemistry, and spectroelectrochemistry).

His group operates the departmental X-ray diffractometer and collaborates extensively with researchers in the U.S., Europe, and China, accessing specialized facilities such as national labs for high-magnetic-field and synchrotron studies.

Professor Kristina (Kicki) Håkansson received M.Sc. and Ph.D. degrees in Molecular Biotechnology from Uppsala University, Sweden. She was a Swedish Foundation for International Cooperation in Research and Higher Education (STINT) postdoctoral fellow with Prof. Alan G. Marshall at the National High Magnetic Field Laboratory, Florida State University.

In 2003, she joined the faculty in Chemistry at the University of Michigan. Dr. Håkansson received a Searle Scholar Award (2004), an American Society for Mass Spectrometry Research Award (2005), an Eli Lilly Analytical Chemistry Award (2005), and an NSF Career Award (2006).

In 2009, she was promoted to Associate Professor, with tenure and, in 2013, to Professor. In 2016 she received the Biemann Medal from the American Society for Mass

Spectrometry, in 2018 an Agilent Thought Leader award, and in 2020 the Berzelius Gold Medal from the Swedish Mass Spectrometry Society. Dr. Håkansson was honored as an elected fellow of the American Society for Mass Spectrometry in 2026.

Her research interests are in Analytical Chemistry and Chemical Biology with a focus on biomolecular mass spectrometry, including gas-phase activation methods, posttranslational modifications, carbohydrate structural determination, and functional studies of natural product biosynthetic enzymes.

Professor Stephen M. Kuebler received his D.Phil. in Chemistry from the University of Oxford and his B.S. in Chemistry (summa cum laude, with a minor in Physics) and B.A. in German (cum laude) from Tulane University. He conducted postdoctoral research at the California Institute of Technology and the University of Arizona.

He joined the University of Central Florida in August 2003 as Assistant Professor of Chemistry and Optics (joint appointment with CREOL, The College of Optics and Photonics). He was promoted to Associate Professor with tenure in 2009 and to Professor in 2019. He has also served as Interim Assistant Vice President of Research & Commercialization and is the co-founding Associate Director of the UCF Center for Ethics.

Dr. Kuebler is a materials chemist and optical scientist whose research focuses on the design, preparation, and characterization of materials and processes for 3D nano- and microfabrication. His group develops laser-based techniques such as multi-photon lithography to create functional nanophotonic structures and devices. Additional interests include nonlinear optical materials, photochemistry, beam-shaping optics, and ethics/responsible conduct in STEM research and education.

He has received numerous honors, including an NSF CAREER Award, multiple Teaching Incentive Program (TIP) and Excellence in Undergraduate Teaching Awards, a Marshall Scholarship, and Goldwater Scholarship. His work has been featured in media outlets and he actively collaborates on interdisciplinary projects involving photonics, additive manufacturing, and institutional ethics.

Presentations: Sunday, September 20, 1:00 PM – 3:00 PM (Stirling Ballroom)

FAME Committee and Symposium Organizers

Dr. Michael Mury
Polk County Schools

Dr. Ajeet Kaushik
Florida Polytechnic University

Dr. Ashlyn Hale
University of Florida

Stanley Seelig
ACS Senior Chemists Committee

Dr. Ryan Rodgers
National High Magnetic Field Lab @ Florida
State University

Dr. Kari Basso
University of Florida

Dr. Stefanie Habenicht
University of Florida

Dr. Carmen Valdez Gauthier
Florida Southern College (Emerita)

Dr. Melanie Beazley
University of Central Florida

Zunaira Naeem
University of Florida

The FL-ACS executive committee would like to acknowledge the symposium organizers without whom this program would not have come together:

Showcase Symposium

Dr. George Christou
University of Florida

Inorganic Chemistry

Gina Pedro
University of Florida

Chemical Education

Melanie Veige
University of Florida

PMSE/POLY and Materials Chemistry

Lauren Mann
University of Florida

Analytical and Environmental Chemistry

Dr. Melanie Beazley
University of Central Florida

Physical and Biophysical Chemistry

Dr. Haochuan Mao
Florida State University

Biochemistry and Chemical Biology

Dr. Wen Zhu
Florida State University

Computational Chemistry

Ramón Miranda Quintana
University of Florida

Organic Chemistry

Melisa Gonzalez
University of Florida

Additive Manufacturing

Dr. Subramanian Ramakrishnan
FAMU-FSU

Meeting at a Glance

Friday, September 18, 2026

Time	Session / Event	Location
12:00 PM–4:00 PM	Registration and poster set-up	Stirling Foyer/ Ballroom
12:00 PM–2:00 PM	Literature skills workshop: Dr. Michelle Nolan and Dr. Nicholas Ruhs	Stirling L-M
2:00 PM–4:00 PM	Career workshop: Dr. Nicholas Conti	Stirling L-M
5:00 PM–6:00 PM	Welcome and plenary lecture Prof. Lisa McElwee-White (UF) <i>"Ru three ways with a side of Pt"</i>	Stirling Ballroom
6:00 PM–8:00 PM	Poster session #1	Stirling Ballroom

Saturday, September 19, 2026

Time	Session / Event	Location
8:00 AM–8:30 AM	Breakfast	Stirling Foyer
8:30 AM–12:00 PM	Oral sessions	Stirling B-F/N-Q
12:00 PM–1:00 PM	Lunch on your own	
1:00 PM–3:30 PM	Oral sessions	Stirling B-F/N-Q
3:30 PM–4:30 PM	Florida Award presentation and lecture	Stirling Ballroom
4:45 PM–6:00 PM	Science communication workshop (refreshments provided)	Stirling L-M
5:00 PM–6:00 PM	Happy Hour	Stirling Ballroom
6:00 PM–8:00 PM	Poster session #2	Stirling Ballroom

Sunday, September 20, 2026

Time	Session / Event	Location
8:00 AM–8:30 AM	Breakfast	Stirling Foyer
8:30 AM–12:00 PM	Oral sessions	Stirling B-F/N-Q
12:00 PM–1:00 PM	Lunch on your own	
1:00 PM–3:00 PM	Showcase Symposium	Stirling Ballroom
3:00 PM–4:00 PM	Local section meeting, poster awards, strategic plan reveal	Stirling Ballroom
4:00 PM	Farewell reception	Stirling Ballroom

Technical Program

Saturday Morning: Oral Sessions

Analytical and Environmental Chemistry (Stirling D-E)

Time	Speaker	Presentation Title
8:30 AM–9:00 AM	Saeedeh Babaee	Photocatalytic Degradation of Ibuprofen Using Methylene Blue-Sensitized TiO ₂ -Coated 3D-Printed PLA Plates
9:00 AM–9:30 AM	Stephanny Rodriguez Cordero	Towards Reliable DNA Extraction from Granular Activated Carbon in Drinking Water Treatment Plants
9:30 AM–10:00 AM	Puspa Adhikari	Tracking Long-Term Petroleum Weathering Using Molecular Markers: Lessons from the Deepwater Horizon Oil Spill
10:30 AM–11:00 AM	Ajeet Kaushik	MIP-based electrochemical sensing for health and environmental management
11:00 AM–11:30 AM	Alison Reed	Coaxial electrospun nanofibers for oil spill bioremediation
11:30 AM–12:00 PM	Tara Buis	Observing Chloride Concentrations in Southwest Florida using Ion-Selective Electrodes

Biochemistry and Chemical Biology (Stirling O-P)

Time	Speaker	Presentation Title
8:30 AM–9:20 AM	Nigel Richards	Computational insights into arginine side chain activation and post-translational modification.
9:20 AM–10:10 AM	Jim Leahy	Discovery of a Sub-Femtomolar Modulator of the Human STING Receptor
10:20 AM–11:10 AM	Edward Kalkreuter	Development of a synthetic biology platform for natural product chemistry
11:10 AM–12:00 PM	Xingui Liu	Targeted Protein Degradation: From PROTACs to Molecular Glues

Chemistry Education (Stirling Q)

Time	Speaker	Presentation Title
8:30 AM–8:50 AM	Melanie Veige, Steven Harris	Mastery Paths for Metacognitive Engagement in an Introductory Chemistry Course
8:50 AM–9:10 AM	Ali Shafiee	AI Tutor, AI Media, or Human Instructor? Student Use, Trust, and Confidence in a Flipped Analytical Chemistry Module
9:10 AM–9:30 AM	Ashlyn Hale, Namodhi Wijerathne	Beyond 2D: Visualizing Molecular Orbitals through Virtual Reality

Time	Speaker	Presentation Title
10:00 AM–10:20 AM	Steven Harris , Ashlyn Hale	Investigating the Efficacy of Self-Selected Weekly Peer-Mediated Study Groups for At-Risk Students Across the General Chemistry Sequence
10:20 AM–10:40 AM	Jhon Figueroa	Empowering Students, Strengthening Skills: Developing an Internship Program in Teaching Labs
10:40 AM–11:00 AM	Jack Huang	Turning Assessment into Learning
11:00 AM–11:20 AM	Massimiliano Scorpio	Academic pathways: Exploring the Relationship Between STEM Identity and Factors That Influence a Student to Consider Changing Their Majors

Computational Chemistry (Stirling F)

Time	Speaker	Presentation Title
8:30 AM–9:00 AM	Gaurav Sharma	Computational Design of Aptamers for Targeted Cancer Therapy: Advances, Applications, and Future Perspectives
10:00 AM–10:30 AM	Binod Perera	Determining Protein Structure Ensembles from NMR Exchange Format (NEF) Data Using MELD
9:00 AM–9:30 AM	Imesh Ranaweera	Beyond Classical Force Fields: Physics-Driven Assessment of the Grappa Machine-Learned Force Field on the FoldBind Dataset
9:30 AM–10:00 AM	Krisztina Zsigmond	Toward Robust Solutions of the Projected Schrödinger Equation
10:30 AM–11:00 AM	Abrahan Martinez	Direct C(sp ³)-H Activation Through Ni-Catalyzed Cascading Hydrogen Atom Activation
11:00 AM–11:30 AM	Mani Tyagi	Embedded cluster density approximation for scalable high-level exchange-correlation calculations in periodic systems

Inorganic Chemistry (Stirling B-C)

Time	Speaker	Presentation Title
8:30 AM–8:55 AM	Camila Gonzalez	Structural and Spectroscopic Investigation of Trinuclear Oxovanadium Pyrazolato Complexes
8:55 AM–9:20 AM	Ioannis Gkikas	Generating Porosity in Metal Halide Semiconductors
9:20 AM–9:45 AM	Daniel Rios	Synthetic Analogues of the Photosynthetic Oxygen-Evolving Complex (OEC) near Photosystem II of Cyanobacteria and Plants

Time	Speaker	Presentation Title
9:45 AM–10:10 AM	William A. Bottorff	Design, synthesis, and characterization of a small molecule inorganic photoresist candidate for EUV lithography
10:35 AM–11:00 AM	Santa Jansone Popova	Separation of Rare Earth Elements: Traditional Methods and Emerging Approaches
11:00 AM–11:25 AM	Naomi Selejan	Covalently-linked Metalloporphyrins for the Design of Quantum Systems: Methods, Characterization, and Device Integration
11:25 AM–11:50 AM	Anthony DeSimone	Sulfonamide Ligands for Sensing Lanthanides in High-Level Waste

PMSE/POLY and Materials Chemistry (Stirling N)

Time	Speaker	Presentation Title
8:30 AM–9:00 AM	Rafat Raftari	Approaches for generating crosslinked networks by metal-free ring opening metathesis polymerization
9:00 AM–9:30 AM	Fuwu Zhang	Glutathione-Responsive Polyhomocysteine Derivatives with Ultralow Toxicity toward Therapeutic Delivery
9:30 AM–10:00 AM	Sumeet Kumar Das	Enzyme-Mediated Photoiniferter Polymerization Enables Ultrahigh Molecular Weight
10:15 AM–10:45 AM	Gnanasekar Pitchaimari	Polymers with Tunable Adhesive and Frictional Properties"
10:45 AM–11:15 AM	Cole Stearns	Preceramic Polymer-Grafted MXene Hybrids for Enhanced Thermo-Oxidative Stability
11:15 AM–11:45 AM	Tanmoy Maity	Supramolecular arene-perfluoroarene assembly enhances photoiniferter polymerization kinetics

Saturday Afternoon: Oral Sessions

Analytical and Environmental Chemistry (Stirling D-E)

Time	Speaker	Presentation Title
1:00 PM–1:30 PM	A. Bakarr Kanu	The Evolving Landscape of Ion Mobility Spectrometry
1:30 PM–2:00 PM	Bishnu Regmi	Synthesis and Photophysical Characterization of Methylene Blue Stearate
2:00 PM–2:30 PM	Louis Tisinger	Rapid Characterization of Microplastics in Beverages Using Automated Laser Direct Infrared (LDIR) Chemical Imaging
2:30 PM–3:00 PM	M. Lorna De Leoz	Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Meat, Seafood, Eggs, and Milk following AOAC 2023.003

Biochemistry and Chemical Biology (Stirling O-P)

Time	Speaker	Presentation Title
1:20 PM– 2:10 PM	Chen Zhao	Structural Mechanisms of the Constitutive Activity in Ion Channel TRPM1
2:10 PM– 3:00 PM	Elisa Biondi	Beyond Four Letters: Expanding the Chemical and Functional Space of Nucleic Acids

Chemistry Education (Stirling Q)

Time	Speaker	Presentation Title
1:00 PM– 1:20 PM	Adam John	Identifying resources that engineering students use to explore their academic pathways
1:20 PM– 1:40 PM	Hannah Barrineau	Principle of Chemistry Course: Investigating Factors that can Influence Students' Relationship to their Major
1:40 PM– 2:00 PM	Ashley Vargas	Picturing the Future: How Visualizing Graduation Shapes STEM Student Confidence
2:00 PM– 2:20 PM	Lily Carlson	Outreach Initiatives and Resources by the ACS Student Chapter at the University of Florida

Physical and Biophysical Chemistry (Stirling F)

Time	Speaker	Presentation Title
1:00 PM– 1:40 PM	Steven Austin	Accelerating rare events in biomolecular simulations with Continually Adaptive Local Memory sampling
1:45 PM– 2:15 PM	Guadalupe Alvarez	Molecular simulations reveal paralog-specific recognition of peptides in BET ET-domains
2:20 PM– 3:00 PM	Kun Wang	Unlocking Long-Range Quantum Transport Through Single Molecules
3:05 PM– 3:30 PM	Sulthana Fehroza Parambilpeediyakkal	Nuclear Hyperfine Effect and an Astonishingly Large Primary Kinetic Isotope Effect in Anthracene-9- ¹³ C Photodimerization

Inorganic Chemistry (Stirling B-C)

Time	Speaker	Presentation Title
1:00 PM– 1:25 PM	Adam Veige	Strain-Promoted and New Inorganic Click Strategies for Porous Organometallic Polymers
1:25 PM– 1:50 PM	Besarion Dgebuadze	Towards photo-switchable magnetic exchange interactions in dihydropyrene-based copper complexes
1:50 PM– 2:15 PM	Tehreem Toheed	Mixed-Anion Design for Enhanced Lithium-Ion Transport in Solid Electrolytes

Time	Speaker	Presentation Title
2:15 PM– 2:40 PM	Cody Daneluik	Synthesis, characterization, and electrochemical study of redox-active cyclic polyacetylenes
2:40 PM– 3:05 PM	John Boedicker	Synthesis and characterization of redox active $\text{Fe}_n(\mu_n\text{-O})$ pyrazolates: X-ray crystal structures, spectroscopy, and electrochemistry

Sunday Morning: Oral Sessions

Analytical and Environmental Chemistry (Stirling D-E)

Time	Speaker	Presentation Title
8:30 AM– 9:00 AM	Rana Haris Abdullah	Integrated evaluation of oxidative potential and antioxidant activity of ambient PM _{2.5} in Lahore: Decoupling between mass concentration and redox reactivity
9:00 AM– 9:30 AM	Zunaira Naeem	Exploring the mechanisms of radical directed dissociation enabled by novel cupric lipid ion types
9:30 AM– 10:00 AM	Kaleb Sharrer	Zwitterionic Self-Assembled Monolayer Modification of Lithium Niobate for Enhanced Surface Acoustic Wave Nebulization Mass Spectrometry
10:00 AM– 10:30 AM	Mojgan Jafari-pirouz	Development of Focused Surface Acoustic Wave Nebulization Mass Spectrometry
10:30 AM– 11:00 AM	Melanie Beazley	Sediment Microbiome Dynamics Across a Northern Gulf of Mexico Salinity Gradient

Biochemistry and Chemical Biology (Stirling O-P)

Time	Speaker	Presentation Title
8:30 AM– 9:20 AM	Szymon Ciesielski	Characterization of the Hsp70 and J-Domain Protein Chaperone System in the Tardigrade <i>Hypsibius exemplaris</i>
9:20 AM– 10:10 AM	Alexander Angerhofer	The Mechanism of Oxalate Decarboxylase and How to Improve its Catalytic Efficiency
10:20 AM– 10:45 AM	Satya Prakash Singh	Host-factor phase separation properties transport the HIV-1 core to vDNA integration sites
10:45 AM– 11:10 AM	Lilly Cheek	Leveraging anaerobic HDX-MS to decipher RiPP-rSAM substrate recognition
11:10 AM– 11:35 AM	Sarah Jennings	Exploring the NO peroxidase pathway of <i>Mycobacterium kansasii</i> (Mka) HLP
11:35 AM– 12:00 PM	Allison Dombroski	Evolutionary Emergence of a Non-Native Metabolite in Response to Loss of an Essential Enzyme

Organic Chemistry (Stirling Q)

Time	Speaker	Presentation Title
8:30 AM–9:00 AM	Yu Yuan	Oxidative Dearomatization and Formal Arylation of Carbonyl Derivatives
9:05 AM–9:35 AM	Nicholas Campbell	Multivalent DBCO-Based Building Blocks as a Route to Porous Organometallic Polymers
10:00 AM–10:30 AM	Stephen Larson	Synthesis of 3,4-Dihydroxyphenylacetaldehyde (DOPAL): A toxic dopamine metabolite in Parkinson's disease pathogenesis
10:35 AM–11:05 AM	McKayla Knoebel	Mechanistic investigation of catalyst-free amide to ester conversion (ATEC)
11:10 AM–11:40 AM	Mahalakshmi Naidu Kalaga	Optimization of P7C3-Derived NAMPT Activators for Treatment of Cardiac Injury

Physical and Biophysical Chemistry (Stirling F)

Time	Speaker	Presentation Title
8:30 AM–9:10 AM	Sumesh Babu Krishnan	Transient absorption spectroscopy of the stilbenes in methanol – adiabatic <i>cis</i> to <i>trans</i> photoisomerization by sequential two-photon excitation.
9:15 AM–9:55 AM	Tom Hopper	"Optically Steering Ultrafast Carrier Scattering, Cooling, and Trapping Pathways in Nanoscale Semiconductors"
10:00 AM–10:40 AM	Hyeyoung Cho	Thermodynamic Behavior of Hydrocarbons Confined in Mesoporous Silica Investigated by Differential Scanning Calorimetry
10:45 AM–11:25 AM	Danila Barskiy	Zero- to Ultralow-Field NMR: From Hyperpolarized Spin Networks to Molecular <i>J</i> -Oscillators
11:30 AM–12:00 PM	Stephen Lee	Defect engineering in nanomaterials and their implications for sensing and heterogeneous catalysis

Inorganic Chemistry (Stirling B-C)

Time	Speaker	Presentation Title
8:30 AM–8:55 AM	Maria Lucia Masferrer Bertoli	Dipicolinamide Ligands for Binding and Sensing of Uranyl and Perrhenate: The Effect of <i>p</i> -Phenolic Substitution on the Central Pyridinyl Ring
8:55 AM–9:20 AM	Nithun Ranjan Pandit	Molecular Clusters as Models of the Repeating Unit of the LnMnO ₃ Lanthanide Manganites with the Perovskite Structure
9:20 AM–9:45 AM	Alissa Anderson	Porous Metal Halide Semiconductors for K. brevis Mitigation: Understanding Structure-Property Relationships that Guide HAB Control

Time	Speaker	Presentation Title
9:45 AM– 10:10 AM	Prabhsimran Singh	Direct Synthesis of High-Surface-Area Perovskites for Enhanced CO Production in Reverse-Water Gas-Shift Chemical Looping (RWGS-CL)
10:35 AM– 11:00 AM	Sherin Anto	Oxo/ hydroxo -bridged dinuclear copper pyrazolate complex as efficient catalyst for hydrocarbon oxidation: redox and oxygen-atom transfer studies.
11:00 AM– 11:25 AM	Debasmita Ghosh	B-Site Ti Engineering of $\text{LaNi}_{1-x}\text{Ti}_x\text{O}_3$ /MCF Perovskite-Silica Catalysts for Enhanced Ni Active-Site Formation and CO_2 Methanation
11:25 AM– 11:50 AM	Nimrah Abid	Green Synthesis of Metal Oxides Nanoparticles by Using Aloe Vera Leaves Extract for

Additive Manufacturing (Stirling N)

Time	Speaker	Presentation Title
8:30 AM– 8:50 AM	Gabriela Plautz Ratkovski	3D Printing and Laser Annealing of Strain Sensors for Structural Health Monitoring
8:50 AM– 9:10 AM	Raghav Gnanasambandam	Coupled Physics-Informed Neural Network for Multi-Physics Modeling in Additive Friction Stir Deposition
9:10 AM– 9:30 AM	Thomas Mullen	Organosilane nanostructure fabrication on semiconductor substrates using particle lithography
9:40 AM– 10:00 AM	Allison Casanova	Influence of Polymeric Substrates and Curing Strategies on Direct Ink Written Silver Strain Sensors for Aerospace Structural Health Monitoring
10:00 AM– 10:20 AM	Withdrawn	
10:20 AM– 10:40 AM	A K M Abirul Haque	Direct Ink Written Membranes with Aligned 2D Channels for Application in Selective Extraction of Lithium via Electrodialysis

Sunday Afternoon: Showcase Symposium (Stirling Ballroom)

Time	Speaker	Presentation Title
1:00 PM– 1:40 PM	Raphael Raptis	Exploring the Carboxylato-Pyrazolato Structural Parallel and Accessing New Redox-Modified States of Multinuclear Transition Metal Complexes
1:40 PM– 2:20 PM	Kristina Håkansson	Sulfur as a Source of Dark Matter in Proteomics: Roles of Mass Accuracy and Fragmentation Pathways
2:20 PM– 3:00 PM	Stephen Kuebler	Laser-Based Nanoscale 3D Printing

Poster Presentations (Stirling Ballroom)

Friday Evening (6:00 PM–8:00 PM)

No.	Presenter	Title
F1	Kyle Morgan	Cysteine-Directed Synthesis of Chiral CoMn_2O_4 Spinel Nanoparticles for Spin-Selective Electrochemical Oxygen Evolution
F2	Serena Hyder	Boronic Acid Copolymers for Substantive Skin Hydration and Topical Delivery
F3	Delawar Ashraf	Precursor-Directed Growth of Molybdenum Disulfide Thin Films by Aerosol-Assisted Chemical Vapor Deposition
F4	Sarriah Hassoun	Adhesive Polyelectrolyte Complex Coacervates with Structural Antibiotics
F5	Sakshi Kamble	Precision Engineering of $\text{Cd}_{32}\text{Te}_{14}$ Semiconductor Nanocluster via Cation Exchange
F6	Aaron Stutz	Printing Yttria Stabilized Zirconia (YSZ) for High Dielectric Breakdown Structures for High Voltage Applications
F7	Prabhsimran Singh	Stoichiometric Liquid-ALD Synthesis of High-Surface-Area LaAlO_3 Thin Films with Controlled Surface Chemistry
F8	Luke Pfeiffer	Designing and Investigating the Properties of Ultra-Long Acrylic Bottlebrush Polymers
F9	Aiden Swain	Synthesis optimization of Ruddlesden-Popper metal halide semiconductors
F10	Connor Brunson	Depolymerization of silicon-methacrylate materials
F11	Helar Aldair Gomez Chalco	Pomegranate peel-derived activated carbon as a sustainable electrochemical platform for future biosensor development
F12	Sarah Bennett	Evaluating Plasmonic Behavior of Semiconducting Nanocrystals via SQUID
F13	Michael Lufaso	Phase evolution and functional properties of Bi-In-Sn oxides
F14	Krisztina Zsigmond	Order from Chaos: Unsupervised Learning of Conformational Landscapes
F15	Hannah Ehrlich	Metal Halide Semiconductors with Engineered Porosity
F16	Withdrawn	
F17	Anjali Sharma	Photoassisted chemical vapor deposition of ruthenium on functionalized self-assembled monolayers using $(\eta^{>2}>\text{-olefin})\text{Ru}(\text{CO})_4$ precursors

No.	Presenter	Title
F18	Amr Elattar	High flux X-ray scintillation of FAPbI ₃ halide perovskite/Polymer Composite Scintillators: Polylactic acid (PLA) versus Polyimide (PI) Matrices
F19	Noah Smith	A Combined Experimental and Computational Approach to CO ₂ Capture in Nanoparticle-Metal-Organic Framework Composite Catalysts
F20	K M Golam Rahman	Membrane-dependent transport of linear and cyclic polymers
F21	Jason Abboud	nanoGUMBOS: tunable organic nanomaterials for biomedical applications
F22	Rohan Jena	Ultra-High Molecular Weight (UHMW) Triblock SLIPs as Synthetic Mucins
F23	Avery Dobberfuhr	Comparison of Linkers in Hybrid Metal Halide Semiconductors for Selective CO ₂ Photoreduction
F24	Dipto Das	Stoichiometry-Driven Optical Tuning and Thiophene-Induced Photoluminescence Enhancement in WS ₂ Quantum Dots
F25	Duc Khanh Duy Nguyen	Design of DHS-Molybdenum hybrid halide semiconductors
F26	Ashutosh Shirodkar	High Fracture Toughness in Ultra-High Molecular Weight Thermoplastics with Strain-Induced Crystallization
F27	FNU Bhumika	Novel Precursors for Extreme Ultraviolet (EUV) and Beyond-EUV Lithography
F28	Luz Amelia Calderon Vergara	Visible-light-curable fluorescent underwater adhesives
F29	Nithun Ranjan Pandit	Molecular Clusters as Models of the Repeating Unit of the LnMnO ₃ Lanthanide Manganites with the Perovskite Structure
F30	Bruna Gomes Maciel	Effect of Barium Titanate particle size on the rheology of BaTiO ₃ -PVDF composites inks
F31	Elena Mihajlov	HIV Therapy: Synthetic and Computational analysis of Ring-modified Efavirenz analogs
F32	Tanmoy Maity	Post-Synthetic Trigger Installation Facilitates Efficient PMMA Depolymerization
F33	Joshua Morris	Point-of-Care Electrochemical Sensing of Microplastic
F34	Gabriela Plautz Ratkovski	In-situ analyses of Crystallization kinetics and Stress Relaxation in 3D Printed Polymer Nanocomposites

No.	Presenter	Title
F35	Vibhasha Samarasinghe	Family of Iron-Oxo 'Molecular Nanoparticles' Related to $\gamma\text{-Fe}_2\text{O}_3$: Structural Characterization and Magnetic Properties
F36	Autum Hiner	Effect of chain length on the thermodynamic behavior of hydrocarbons confined within nanopores.
F37	Andrea Woods	30-Minute Materials: A Green Route to Sulfonium-Based Metal Halide Semiconductors
F38	Agnik Bhattacharya	Tandem Upcycling Drives Rapid and Near-Quantitative Depolymerization of RAFT-Derived PMMA
F39	Mohammed Awad	Long-Range Magnetic Exchange Coupling in Ce/Mn-oxo Clusters
F40	James Carter	pH-responsive copolymer micelles for targeted endosomal release and enhanced antiviral efficacy of Ribavirin against Zika virus
F41	Natalie Fernandez	The Oxygen-Evolving Complex (OEC) of Photosystem II: Strontium-based Synthetic Analogues
F42	Uziel Lavine	3D Printed Barium Titanate High Voltage Capacitors
F43	Daniel Fellows	MIP-Assisted Electrochemical Sensing of L-thyroxine (T4) for Thyroid Diagnostics
F44	Arun Khair	Effects of Pre-ceramic Polymer Chemistry on Crosslinking, Ceramic Yield, and PIP Densification of Binder Jetted ZrB_2 UHTCs
F45	Jack Schlammkowitz	Distinguishable Molecular Spin Qubits in Asymmetric Meso-Substituted Metalloporphyrins
F46	Lily Carlson	Collagen Inspired Trivalent Crosslinking of Epoxy Functional Methacrylate Copolymers for Tough Polymer Networks
F47	Hao-Hung Chen	Aerosol-assisted CVD of NbN using novel niobium imido single-source precursors
F48	Ashfia Tasnim	Oxidation-Induced Chemical Interface Damping in Au-Ag Alloy Nanoparticles for Plasmon-Assisted Photocatalysis
F49	Anmanuel Perez	Hg(II) Liquid-Liquid Extraction into Dichloromethane by a Simple Nitropyrazole
F50	Brandee Jones	Optimization of Polysulfone-based Adsorptive Membranes for Heavy Metal Ion Removal from Water
F51	Leigh Ruddock	Lipophilic (Sulfonamido)phenol ligands as f-element extractants for combined Cs and actinide separations in High-Level Waste
F52	Monira Khanom Mim	Performance analysis of Sr_3SbI_3 -based perovskite solar cell using SCAPS-1D software
F53	Yolanda Rodriguez	Diglycolyl- and Dipicolino- Sulfonamide Ligands for Ln(III) Complexation and Selective Separation

No.	Presenter	Title
F54	Julia Jurca	Observing Chloride Concentrations in Southwest Florida Using Ion-Selective Electrodes
F55	Romario Justino da Silva	Integrated Process Optimization of Printed Silver Composite Strain Sensors through Direct Ink Writing and Laser Processing

Saturday Evening (6:00 PM–8:00 PM)

No.	Presenter	Title
S1	Calla Marco	Rhodium-catalyzed divergent silylation of styrene derivatives using alkoxysilanes
S2	Angie Ordoñez	Exploring the Role of Molecular Chaperones in Carcinogenesis
S3	Tien Dao	Designing β -barrel Membrane Protein using Distributed Structure-to-Sequence Adapters.
S4	Seungyoon Han	Tuning polymer nanoparticle morphologies via photochemical decarboxylation
S5	Corey Causey	Synthesis of Peptoid-based Inhibitors of Protein Arginine Methyl Transferases (PRMTs) for Application in the Treatment of Cancer
S6	Derika Kwansah	Yeast <i>S. cerevisiae</i> as a model to study human molecular chaperones <i>in vivo</i>
S7	Kaibo Feng	Catalyst Development for Enantioselective Ritter-Type Amidation of Benzylic Alcohols
S8	Seouyoung Kim	Stimulation of Hsp70 ATPase activity by tardigrade DNAJB1
S9	Wenqiang Cui	Designing Haloalkane Dehalogenase Variants With Generative AI: Accelerating the SN2 Reaction
S10	Jonah Grant	Regulating Dimerization of Human J-Domain Protein
S11	Quang Le	Synthesis of Substituted 4,4'-dihydroxyazobenznes based Analogs of a Novel Jak2 Inhibitor
S12	Lauren Gledhill	Role of the DNAJB1 Gly-rich helix in Hsp70 interaction
S13	Khoa Pham	Receptor-State-Aware Virtual Screening for Discovery of Novel Apo-IDO1 Inhibitor Candidates
S14	Amelia Collins	Functional Characterization of Molecular Chaperone DNAJA1 in Tardigrades
S15	Andrew Link	Improvements in the design and synthesis of sensor heterocyclophanes
S16	Leo Saju	Initiation of nemamide biosynthesis in <i>Caenorhabditis elegans</i>

No.	Presenter	Title
S17	Armaan Khan	Structure-Guided Identification of Small-Molecule CFTR Activators for Cystic Fibrosis Using Pharmacophore Modeling
S18	David deGuzman	Investigating the structures and antiproliferative properties of secondary metabolites produced by different species of the freshwater algae <i>Euglena</i>
S19	Mariami Shvelidze	Investigating Amide Substitution Effects on Transannular H-bonding in Heterofunctionalized [2.2]Paracyclophanes
S20	Lucciano Pearce	Kinetic and Structural Basis of the Inhibition Mechanism of Human Asparagine Synthetase by ASX-173
S21	Melisa Gonzalez	Total Synthesis and Biological Evaluation of Nemamide Analogs
S22	Caitlin Padgett	Biochemical Characterization of <i>Moraxella catarrhalis</i> HemW
S23	Withdrawn	
S24	Harun Kapidzic	Fisetin as a fluorescent probe of different DNA architectures
S25	Katlyn Dieckmann	Photo-Driven Photocatalyst-Dependent Radical Cascade Cyclizations of Simple N-Acryloyl Indoles for the Selective Synthesis of Sulfonlated Dihydropyrido[1,2-a]-indolones
S26	Sofia Soares Targino	Investigating the molecular mechanisms driving immune evasion in bronchial premalignant lesions
S27	Laura Carlos Portillo	Providing Visual Support for the Concepts of Kinetic vs. Thermodynamic control and Trapping Singlet Oxygen
S28	Ajinkya Pawar	Uncertainty-Aware Multi-Objective Computational Prioritization of Pancreatic Cancer Molecular Candidates with Convergent NF- κ B1 Target Hypotheses
S29	Chihaya Cook	Dapoxyl-10 split light-up aptameric sensor used as fluorescent probe for LAMP amplicons of MalB gene of <i>E. coli</i> in PURED system
S30	Alyssa Riker	Stereochemistry in Disulfide-Bond Disrupting Agents: Synthesis of Novel <i>cis</i> -Disubstituted Derivatives
S31	Justine Monsalve	Analysis and Quantification of Point Mutations in Cancer DNA Biomarkers using Multicomponent Hybridization Probes
S32	Soumili Pal	Cyclophanes and their Ring-Opened Isosteres: The Interplay between Folding and Self-Assembly
S33	Tiyasa Roy	Investigation of the trans-acting enzymes involved in non-canonical intermediate trafficking in nemamide biosynthesis
S34	Arya Patel	Structure-Guided Design of De Novo Protein Binders Targeting Interleukin-2 Receptor α in Leukemia Using a Deep Learning-Based Method

No.	Presenter	Title
S35	Fabrizio Cavassa	Discovery and characterization of one eunicellane diterpene synthase homolog from <i>Chitinophaga solisilvae</i>
S36	Cody Bishir	Visible-Light-Induced Radical Cascade [4 + 2]/[4 + 2] Cycloaddition of Underexplored N-Acryloyl Indoles to Access Dihydropyrido[1,2a]-Indolones
S37	Valentina Fonseca	A DNA Cephalopod Nanostructure for Rapid Detection of Human Thrombin
S38	Miriam Siroky	Less Sugar, All Sweet: Structure-Based Computational Design of Peptide Binders Targeting the Sweet Taste Receptor
S39	Gillyan Jewett	Functional characterization of hexokinase 2 from <i>Callorhinchus milli</i> (ghost shark)
S40	John Rupp	Synthesis of SCN-Containing Indole-Fused Polycycles through an Oxidant-Mediated Dearomative Electrophilic Thiocyanation/Cyclization Cascade
S41	Kyle Chandler	Effect of Organic Waste Feedstock Selection on Biogas Production During Anaerobic Digestion
S42	Mirza Sanita Haque	Physics-Guided Digital Twin Framework for Performance Prediction and Design Optimization of Organic Solar Cells.
S43	Riley Bulnes	Investigating the nitration pathway of pyrrolomycins in <i>Streptomyces</i> sp.
S44	Yosthinn Cuitiva	Rhodium(II)-catalyzed hydrosilylation of styrene derivatives: Reactivity and regioselectivity
S45	Sarah Taboada	Biosynthesis of a putative isothiocyanate indole-like natural product
S46	Abbey Hubbard	Synthesis of CF ₃ -Containing Dihydropyrido[1,2-a]indolones via a Visible-Light-Promoted Radical Cascade [4 + 2]/[4 + 2] Cycloaddition
S47	Krystal Baez	An outer-sphere threonine residue is critical for NO-dependent tryptophan nitration by the cytochrome P450, TxtE
S48	Imesh Ranaweera	Beyond Classical Force Fields: Physics-Driven Assessment of the Grappa Machine-Learned Force Field on the FoldBind Dataset
S49	Alyssa Butcher	Double crossover DX tile facilitated the cyclization of small-sized DNA oligomers by phosphodiester linkage
S50	Withdrawn	
S51	Aksh Ladegaonkar	Lyso-PCTP: A Reengineered Lipid Biosensor for Early PDAC Diagnosis and Monitoring
S52	Withdrawn	

No.	Presenter	Title
S53	Milani Herrington	Effect of sodium bicarbonate concentration and PLGA composition on degradation and release of magnesium ions from PLGA microspheres.
S54	Siddarth Kothandam	Computational Design of COMT-Targeting PROTACs for Parkinson's Disease Using Cereblon-Mediated Targeted Protein Degradation



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