

Analytical	[Sheraton Waikiki]	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Cinematic Molecular Science and Nanoscience Explored by Electron Microscopy (ANA009)		D	D				
Emerging Analytical Technology Development Advancing Environmental Exposure and Effect Studies (ANA012)		D	D				
Microscale Open-Channel Separation for Molecular Analysis (ANA021)		D	D				
Low-Cost Capillary-Powered Microfluidics for Point-of-Need Measurements (ANA019)		D	A				
Emerging Technologies for in vitro Diagnostics using Liquid Biopsies (ANA014)		D					
Optically-Active Nanoparticles and Materials: Bioanalysis, Sensing, and Imaging (ANA024)		D					
Structural Characterization of Biological Systems by Vibrational Spectroscopy (ANA029)		D					
Advances in Laser-Induced Breakdown Spectroscopy (LIBS) Applications, Technology, and Fundamentals: A Global Perspective (ANA005)			D	D			
Advances in Plasmon Enhanced Spectroscopies (ANA006)			D	D			
Chemical Tools to Measure and Control Protein Folding (ANA007)			D	D			
Frontiers in Top-Down Proteomics and Proteoform Analysis (ANA016)			D	D			
Optical Imaging and Control of Chemistry in Biological Science (ANA023)			D	A	D		
Supercritical Fluid Chromatography (SFC) and Supercritical Fluid Extraction (SFE) for Analysis and Purification (ANA030)			D				
Vibrational Spectroscopy for Energy, Nuclear, and Green Chemistry (ANA035)			D				
Cross-Disciplinary Research in Flow Injection Analysis and Related Techniques (ANA010)				D	D		
Advances in Gas Sensing Material Development (ANA004)				D			
Emerging microfluidic and nano-analytical technologies for biomarker detection (ANA013)				D			

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Analytical (continued)
[Sheraton Waikiki]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
On-Site and In-Vivo Instrumentation and Applications (ANA022)			D			
Unlocking the well-filled analytical toolbox: Methods for screening and deep-divide analysis to assess fate, transport, and effects of emerging contaminants in the environment (ANA034)			D			
Symposium on Mass Spectrometry in Microbiome Research (ANA031)			P	D		
Micro- and Nanoscale Devices for High Throughput and Sensitive Chemical Analysis and Production (ANA020)			P	A		
Advanced Petroleum Characterization and Modeling with Applications in Production, Processing, Transport, Sustainability, Environmental Monitoring, and Oil Spill Response (ANA003)				D	D	A
ACS Division of Analytical Chemistry Presidential Symposium: Advances in Instrumentation and Methodology for Liquid-Phase Separations (ANA001)				D	D	
Serendipity-Enabling Analytical Technologies for Biology and Medicine (ANA027)				D	A	
In-situ Contaminants Monitoring Approaches Using Passive Sampling Methods to Investigate Trends of Organic Contaminants in the Environment (ANA018)				D		
Electroanalytical Chemistry: Bridging New Horizons (ANA011)				A	D	A
Point-of-Care Testing and Sensitive Detection of Nucleic Acids and Proteins (ANA025)				A	D	A
Fabrication, Characterization and Applications of Different Natural and Synthetic Materials for Chemical Analysis, Separation Science and Related Areas (ANA015)				P	D	A
Science and Art: Recent Advances in Cultural Heritage Science (ANA026)				P	A	
Synchrotron Radiation Characterizations in Energy Storage and Conversion Materials (ANA032)					D	A
Ultrafast and Nanoscale Electrochemistry Imaging and Detection (ANA033)					D	A
Horizon of 2D Correlation Spectroscopy (ANA017)					D	
Chemistry for in vivo continuous biosensing system (ANA008)					P	A
Stable Isotope Labeling of Biomolecules and Use in Structural, Biochemical, and Biophysical Studies (ANA028)					P	A

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Biological
[Hawaii Convention Center]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Frontiers in Macromolecule Epigenetic Modifications: chemical tools, biochemical mechanisms, function annotation/modulation/perturbation (BIO019)	D	D	A			
Aardvarks to Zebus, Challenging Chemistry Targets and Innovative Solutions in Synthetic, Medicinal and Biological Peptide and Protein Science (BIO001)	D	D				
Advances in Biological Solid-State NMR (BIO003)	D	D				
Biomolecular Structure and Dynamics: Recent Advances in NMR (BIO007)	D	D				
Biosynthesis of Natural Products and Biomaterials (BIO009)	D	D				
Cryo-EM in Enzymology and Dynamics (BIO013)	D	D				
Nanopore Sensors of Chemical and Biological Information (BIO021)	D	D				
Advances in Glycan Structure and Dynamics 2025 (BIO004)	D	A				
Photochemistry and light signaling mechanisms of photoreceptors (BIO022)	D					
Bio-Orthogonal Chemistry and Click Chemistry in Basic and Translational Biomedical Research (BIO008)		D	D			
Synthetic modulators of protein interaction networks: from discovery to therapeutics (BIO025)		P	D	A		
Advanced Biocatalysis for Green and Applied Chemistry (BIO002)			D	D	A	
Uncovering membrane receptors function from the interplay between molecular structure and intermolecular interactions (BIO027)			D	D	A	
Design of Functional Proteins, Peptides, and Peptidomimetics. (BIO015)			D	D		
Engineering Biology and Biomanufacturing for Sustainability (BIO016)			D	A		
Applications of synthetic biology in synthesis and medicinal chemistry (BIO005)			D			
Chemical Approaches to Astrobiology (BIO010)			D			

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Biological (continued)
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Genetically-Encoded and Chemigenetic Tools for Analysis and Control of Biological Systems (BIO020)			P	D	A	
Design and Screening of XNA Libraries (BIO014)				D	D	A
Epigenetic Mechanisms and Advances in Chromatin Biology (BIO017)				D	D	A
From Discovery to Application: Fluorescent Probes for Biological Imaging (BIO018)				P	D	A
Chemistry and signaling of plant growth regulators (BIO012)				P	A	
Atomistic Understanding and Design of Enzyme Catalysis Through the Lens of Protein Dynamics (BIO006)					D	A
Chemistry and Biology of RiPP Natural Products (BIO011)					P	A
Recent advances in expanding the genetic code (BIO023)					P	A
Revealing the Biophysics behind Biomolecule Assembly and Function (BIO024)					P	A
The Hidden Power of Specialized Metabolites in Nature (BIO026)					P	A

Chemistry and Engineering for Sustainability
[Hawaii Convention Center]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Advanced Materials for Carbon Capture and Utilization for Sustainable Fuel Production (CES001)	D	D				
Advances in ML-Enhanced Accelerated Analysis of Bio-Based Systems – High-throughput Characterization and Chemometrics (CES004)	D	D				
Approaching Steady-State Atmospheric Methane in the Anthropocene (CES005)	D	D				
Battery Research in GX and DX Era (CES008)	D	D				
Challenges for Artificial Photosynthesis: Regulating Organic-Inorganic Functional Interfaces for Disruptive Solar Fuels Research (CES011)	D	D				
Electroactive Molecules for Energy Storage (CES016)	D	D				
Extrusion Reaction Technologies: Fundamentals, Applications, Insights, and Role in the Bioeconomy (CES022)	D	D				
Hydrogen Materials for Energy Storage (CES028)	D	D				
Photo/Electro-Catalysis for Carbon Neutrality and Sustainable Engineering (CES031)	D	D				
Stimuli-responsive Materials for Green and Sustainable Chemistry (CES036)	D	D				
Basic chemistry of PFAS for well-balanced society (CES006)	D					
Emerging Microwave Chemistry for Electrification of Chemical Processes (CES019)	D					
Fusion of Chemistry, Engineering, and Design toward a Circular Economy for a Sustainable Future (CES024)	D					
Sustainable Electronics: From Metal Recovery and (Micro)Plastics' Valorization to Biodegradable Electronics (CES041)		D	D	A		
Heterogeneous Catalysis for the Valorization of Next-Generation Carbon Resources (CES045)		D				
Electrochemical CO2 Capture and Conversion (CES018)			D	D	A	
Sustainable Chemistry and Materials for Electrochemical Energy Technologies (CES040)			D	D	A	

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**Chemistry and Engineering for Sustainability
(continued)
[Hawaii Convention Center]**

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Advances in Catalysis for Environmentally Friendly Fuels and Chemicals Production from Alternative Resources (CES002)			D	D		
Battery Chemistry Beyond Li-ion: Materials, Interfaces, Characterizations and Simulations (CES007)			D	D		
Challenges and Opportunities in Mechanochemistry: New Discoveries and New Directions (CES010)			D	D		
Chemistry and Physics of Solids for Thermoelectric Energy Conversion and Thermal Energy Harnessing (CES032)			D	D		
Continuous Flow Science from Bench to Market – A joint academic-industrial initiative (CES014)			D	D		
Exploring Nano-Bio Interactions in Materials, Medicine, and the Environment (CES021)			D	D		
Hydrogen Production, Storage, and Fuel Cells for Green Transformation (CES029)			D	D		
Strategies for the preparation, characterization, and end-of-life management of supramolecular polymer assemblies (CES037)			D	D		
Porous Materials: Synthesis, Characterization, and Utilization (CES033)			D	A		
Sustainable Materials and Polymer Chemistry (CES042)			D			
Recycling of Polymeric Materials: Challenges and Perspectives (CES035)			P	A		
Electrocatalysis for Sustainable Processes (CES017)				D	D	A
Valorizing Lignin (CES044)				D	A	
Challenges in water: from fundamental chemistry to technical applications (CES012)				D		
Deciphering the impact of PFAS on Environment and Health (CES015)				P	D	A
Handling hydrogen at scale: Liquids-based hydrogen carriers (CES027)				P	D	A
Chemistry and the Rice Field Ecosystem (CES013)					D	A

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Chemistry and Engineering for Sustainability
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[Hawaii Convention Center]
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Green Solvents for Attaining a Circular Economy Through Processing Renewable and Upcyclable Materials (CES026)					D	A
Lead-Free Perovskite Solar Cells: Trends and Challenges (CES030)					D	A
Sustainable Aviation Fuel: Addressing Challenges and Advancements (CES038)					D	A
Biotechnological Approaches for Sustainable Bioeconomy: Integrating Microbial Engineering with Green and Blue Carbon Strategies (CES009)					D	
Environmental Distribution of Emerging and Legacy Contaminants: Monitoring, Lab Measurements, and Modelling (CES020)					D	
Sustainable Chemicals and Bioproducts from Biomass (CES039)					D	
UV Photochemistry: Oxidation and Disinfection for Protection of Public Health in Water and Air (CES043)					D	
Advances in Electrochemical and Liquid-based Thermal Technologies for Waste Heat Utilization and Electricity Storage (CES003)					P	A
Frontlines of Research on the CO ₂ Conversion Catalyst Towards an Industrial Approach (CES023)					P	A
Green Chemistry Communities: Principles, Practices, and Action Towards a Sustainable Future (CES025)					P	A
Recycling of plastic and polymer materials waste (CES034)					P	A

Chemistry for Life Science and Health Care
[Hawaii Convention Center]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Extracellular Fine Particles: Chemistry, Biology, and Biomedical Applications (CLH015)	D	D				
From Molecular Diagnostics to Therapeutics with Aptamers (CLH016)	D	D				
Metal-Based Nanomaterials for Biomedical Applications (CLH022)	D	D				
Pectin V: Chemistry, Technology and Applications in Human Health (CLH023)	D	D				
Peptide Self-Assembly: Chemistry and Nanotechnology (CLH024)	D	D				
Protein Aggregation, Biocondensation, and Biomolecular Self-assembly (CLH026)	D	D				
Sustainable Development and Upcycling of Processing Discards: Production of Bioactive Ingredients in Health Promotion and Disease Risk Reduction (CLH029)	D	D				
DNA-Based Nanomaterials at the Interface with Biology (CLH012)	D	A				
Safety Assessment and Risk Prediction of Chemicals by Combining AI and Chemical Epigenomics (CLH028)	D	A				
Recent Advances in Nucleic Acids Based Medicine (CLH032)		P	D	A		
Examination of Vaccines, Proteins and Supramolecular hosts for the Mitigation of Drugs of Abuse/Adulterants (CLH013)		P	A			
Machine learning for calculation of accurate protein-ligand binding free energies for drug discovery (CLH019)			D	D		
Recent Advances in Carbohydrate Chemistry and Chemical Glycobiology (CLH027)			D	D		
Advancements in Chemistry of Theranostics for Targeted Radionuclide Therapy (CLH002)			D	A		
Alternative Anti-infectives: Harnessing Chemistry to Evolve Drugs and Biological Molecules to Fight Against the 'Silent' Pandemic (CLH004)			D			
Biophotonics empowered by AI for medical diagnostics (CLH008)			D			
Chemical-driven diagnosis: sensing and imaging (CLH009)			D			

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Chemistry for Life Science and Health Care
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[Hawaii Convention Center]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Frontiers in Dynamic Supramolecular Chemistry: Towards Practical Functions (CLH017)			D			
Expanding the Boundaries of Drug Discovery with DNA-Encoded Libraries (CLH014)			P	A		
Advances in Peptide Therapeutics and Peptidomimetics: Navigating the Future of Precision Medicine (CLH003)				D	D	A
Lipids on the move: from membrane biophysics to synthetic lipid nanoparticles and artificial organelles (CLH018)				D	D	A
The Chemistry of ¹⁸ F, ¹¹ C, Radiometal and Fluorophore-based Probes (CLH030)				D	D	A
Biomaterials Meet Nucleic Acid Aptamers: Creating Killer Applications in the Medical Field (CLH006)				D		
Membrane-Active Peptides at the Intersection of Chemistry, Biology & Technology (CLH021)				P	D	A
Photoremoval Protecting Group and Caged Compounds (CLH025)				P	D	A
Making Smart Drugs Smarter through Bioorthogonal Chemistry (CLH020)				P	A	
Activity Based Sensing: Innovations in Sensor Design, Methods, and Applications (CLH001)					D	A
Augmented discovery: machine learning approaches to improve drug development (CLH005)					D	A
Chemistry and Chemical Biology of Gasotransmitters (Nitric Oxide, Carbon Monoxide, and Hydrogen Sulfide) (CLH010)					D	A
Contemporary Peptide and Oligonucleotide Therapeutics: Discovery, Synthesis and Delivery (CLH011)					D	A
The Microbiome: At the Intersection of Biology and Chemistry (CLH031)					P	A

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**Computational & Theoretical
[Hawaii Convention Center]**

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Enabling Computational Chemistry at the Exascale (CTH009)	D	D	A			
Biomolecules at Interfaces Defining the Cellular Environment: From Conformational Dynamics to Informatic Approaches (CTH002)	D	D				
Chemical Concepts from Theory and Computation (CTH003)	D	D				
Computational Modeling and Design of Functional Materials in the AI Era (CTH004)	D	D				
Computational Quantum Chemistry: Synergy Between Theory and Experiment (CTH006)	D	D				
Fragmentation and Embedded Methods in Quantum Computing (CTH010)	D	D				
Quantum Dynamics of Complex Systems (CTH015)	D	D				
Computational Photocatalysis: Photophysics & Photochemistry at Interfaces. Machine Learning Bridges Theory and Experiment (CTH005)		D	D			
Transformative Manufacturing of Critical Materials and Chemicals through Artificial Intelligence and Automation (CTH017)		A	D			
Crossing the Biological Membrane: Frontiers in the Study of Membrane Transport (CTH007)			D	D	A	
Emerging Frontiers: Machine Learning Transforming Studies of Biomolecular Dynamics (CTH008)			D	D		
Machine learning-based accelerated discovery of advanced materials in support of green energy transition (CTH012)			D	D		
Quantum Monte Carlo, Quantum Information and Machine Learning (CTH016)			D	D		
Modern Methods for Strong Light-Matter Interactions in Complex Chemical Systems (CTH013)				D	D	A
Autonomous chemistry for accelerated materials discovery (CTH001)				P	D	A
Practical Applications of Quantum Computing in Computational Chemistry (CTH014)					D	A
Harnessing Computers for Rational Design of Polymeric Biomaterials: from First Principles to Generative AI (CTH011)					P	A

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Educate, Communicate and Translate
[Sheraton Waikiki]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Inclusion in Chemistry (and Science) Education (ECT007)	D	D	A			
Emerging Technologies, Artificial Intelligence (AI) and Machine Learning (ML) in Chemical Education: New Challenges and Opportunities (ECT003)	D					
Ethics that impact the global chemical enterprise in a world needing international standards (ECT004)		D	A			
Inclusive laboratory instruction for students who are blind or low vision (ECT008)			D			
Incorporating Sustainability in the Chemistry Curriculum via Systems Thinking Tools (ECT009)			P	D		
Bridging Research and Practice in Inorganic and General Chemistry Education (ECT001)			P	A		
Explorations of Chemistry Laboratory Instruction (ECT005)				D	A	
Promoting Diversity and Multiculturalism in Chemistry Education (ECT011)				D		
Constructively Aligning Instructional Components to Improve Student Learning (ECT002)				P	D	A
It Gets Better: Pride in (Pacifi)Chem (ECT010)					D	A
Immersive Technologies for Chemistry Education: Theory and Praxis of Introducing Virtual and Augmented Reality (VR/AR) into the Chemistry Classroom and Laboratory (ECT006)					P	A

Inorganic
[Hilton Hawaiian Village]

	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Frontiers and New Horizons in Molecular f-Element Chemistry (ING010)	D	D	A			
Metal-oxo Clusters: From Fundamental Science to Applications (ING018)	D	D	A			
Straying Away From the Main Line: Unusual Properties and Reactivity of Main Group Elements (ING028)	D	D	A			
Accessing New Targets with Medicinal Inorganic Chemistry (ING001)	D	D				
Diversity in Inorganic Fluorine Chemistry, from Fundamental to Applied Aspects, to Address Global Challenges (ING007)	D	D				
Frontier and Perspectives of Molecule-Based Magnets (ING009)	D	D				
Quantum Molecular Spin Qubits Toward Quantum Computers (ING026)	D	D				
Cutting Edge of Catalytic Heme Enzymes (ING005)	D	A				
Photofunctions of Metal Complexes: From Fundamental Aspects to Applications (ING024)	D	A				
Cluster-based Materials: From Fundamentals to Application (ING004)		P	D	A		
Metals in Biological Chemistry. Metal-binding Active Oxygen Species Correlated to Sustainable Development Goals (ING019)		P	D			
Design and Applications of Redox Active Ligands (ING006)			D	D		
Early Transition Metal Complexes: From Rare Bond Types to Useful Catalysis (ING008)			D	D		
Frontiers of Catalysis and Functional Materials: Recognizing the International Contributions of Tobin J. Marks (ING012)			D	D		
The Phthalocyanine Renaissance (ING029)			D	A		
Inorganic Materials with Multiple Components for Energy and Environmental Applications (ING016)			D			
Nanoparticle synthesis and assembly (ING020)			P	D	A	

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Inorganic (continued)
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	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
N-heterocyclic carbenes for next generation materials from 0 to 3 dimensions (ING021)			P	D	A	
Opening Future in Triggered Assembling Functional Supramolecular Coordination Compounds (ING023)			P	D	A	
Frontiers in Actinide Chemistry: From Fundamental Systems to Practical Applications (ING011)				D	D	A
Novel Heme Proteins and Model Systems (ING022)				D	A	
Chemistry at the Frontier of the Periodic Table (ING003)				P	D	A
Frontiers of quantum and functional materials: high pressure synthesis and computational approach (ING013)					D	A
Harnessing the Potential of Small Molecules: Exploring Metalloenzymes and Adaptation in Synthetic Catalysts (ING014)					D	A
Late Transition Metal Complexes and Clusters: Novel Structures and Transformations (ING017)					D	A
Alkali Metal and Alkaline Earth Chemistry - Developments, Applications & Challenges (ING002)					P	A
Hypervalent Iodine: Bonding, Mechanism and Synthetic Applications (ING015)					P	A
Photon-to-X Conversion: Photoinduced Redox Activation of Molecules by Transition Metal Complexes (ING025)					P	A
Second Coordination Sphere Designs and Strategies for Molecular Catalysis (ING027)					P	A

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**Macromolecular
[Hawaii Convention Center]**

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Advancements in Smart and Sustainable Polymeric Materials: Innovations and Applications (MAC002)	D	D				
Bringing Order to Disordered Polymer Gels (MAC010)	D	D				
Polymer Fracture (MAC019)	D	D				
Polymers at the Interface with Biology: Innovations in Design, Synthesis, and Applications (MAC021)	D	D				
Programmed Assembly of Pi-Conjugated Molecules and Polymers (MAC022)	D	D				
Silicon-Containing Polymers and Oligomers: Synthesis, Structural Control, Functions, Hybridization, and Applications (MAC026)	D	D				
Towards A Circular Materials Economy: Design for Renewable, Degradable and Recyclable Polymers (MAC027)	D	D				
Progress in Polymer Dynamics (MAC024)	D					
Advances in Olefin Polymerization and Polyolefins (MAC003)			D	D		
Polymer Gels and Rubbery Materials: The Epitome of Soft Matter (MAC020)			D	D		
Programmed Self-Assembly of Synthetic and Biological Macromolecules: From System Design to Future Materials (MAC023)			D	D		
Applying Reaction Fundamentals to the Development of Next Generation Polymer Processes and Products (MAC007)			D	A		
Advances in Understanding and Controlling Surface/Interfaces of Polymer Materials at Multiple Scales (MAC006)			D			
Design and Applications of the Biomacromolecule Source Modification for Value Added Product (MAC013)			D			
Dynamics-driven design of functional biological and bio-inspired macromolecules (MAC014)			A	A		
Beyond Single-Bond Macromolecules: Advances in Ladder and Framework Polymers and Their Applications (MAC008)				D		
Frontier of Discrete Oligomers, Polymers, and Assemblies (MAC016)				D		

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Macromolecular (continued)

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Advanced Synthesis of Macro- and Supra-molecules with Maximal Material Performance but Minimal Environmental Impact (MAC001)				P	D	A
Microgels and Nanogels: Fundamentals and Applications (MAC017)				P	D	A
Advances in Polymer-Functionalized Soft Interfaces (MAC005)					D	A
Bio-inspired Molecular Robotics: System Integration of Molecular Sensors, Actuators, and Transducers (MAC009)					D	A
Cyclic and Topologically Complex Polymers (MAC011)					D	A
Expanding the Macromolecular Periodic Table: Polymers and Supramolecules Containing Non-Hydrocarbon Elements for Enhanced Functionality (MAC015)					D	A
New Frontiers in Polymeric Materials and Methods for 3D Printing (MAC018)					D	A
Recent Progress in Glycoconjugates and Glycomaterials (MAC025)					D	A

Materials [Sheraton Princess Kaiulani and TBD]	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Carbon Nanotubes and Related Low-Dimensional Materials: Preparation, Characterization and Applications (MAT005)	D	D				
Dynamic Exciton: Manipulation of Local-Excited, Charge-Transfer Excited, and Charge-Separated States for Energy Conversion (MAT008)	D	D				
Emergent Materials and Devices for Solar Fuel Production (MAT010)	D	D				
Free Radical and Spin-Based Functional Materials (MAT011)	D	D				
Intelligent Biomaterials (MAT013)	D	D				
Multicomponent Nanostructures: Novel Synthesis, Rational Design, and Materials Discovery (MAT017)	D	D				
Nanostructured Oxides for Energy Harvesting, Conversion and Storage (MAT019)	D	D				
Photo-Functional Molecular Nanosystems: Fundamentals, Applications, and Innovations (MAT021)	D	D				
Trilateral Collaboration to Advance Sustainable Energy using Nature-inspired Variable-Property Materials (MAT029)	D	D				
Metal-Organic Frameworks as a Platform for Creating Chemical and Structural Complexity (MAT016)	D	A				
Polypeptide Folding and Assembly for the Materials Design and Therapeutic Applications (MAT022)		P	D			
Multi-Stimulus-Responsive Polymers and Nanocomposites (MAT018)			D	D		
Organic-inorganic hybrid materials (MAT020)			D	D		
Science and Application in Molecular Conductors and Related Compounds (MAT026)			D	D		
Supramolecular Assemblies at Surfaces: Nanopatterning, Functionality, Reactivity (MAT028)			D	D		
Wettability and Adhesion (MAT030)			D	D		
Advances in Organic and Inorganic Dielectric Materials: Exploring Dynamic and Static Polarity (MAT001)			D			

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Application of Luminescent Materials for Ionizing Radiation Detection (MAT004)			D			
Recent Progress in Circularly Polarized Luminescence (CPL) and Applications (MAT024)			D			
AIE and Aggregate Science (MAT003)				D	D	A
Characterization of dynamic processes during materials synthesis and processing via in situ techniques (MAT006)				D	D	A
Mechanically Responsive Materials: Bridging the Gap Between Polymers and Crystals (MAT015)				D	D	A
Self-Assembled Biofunctional Nanomaterials (MAT027)				D	D	A
Unraveling Structure-Property-Dynamics Relationships in Functional Crystalline Materials with Cutting-Edge Diffraction and Spectroscopic Methods (MAT012)				D	D	A
Luminescent Nanostructures for Biosensing, Bioimaging and Medicine (MAT014)				D	D	
Advances in Plastic Crystals (MAT002)					D	A
Diamond Electrochemistry (MAT007)					D	A
Recent Evolution of Single-Atom Catalysts in Heterogeneous Catalysis (MAT023)					D	A
Responsive systems for light management (MAT025)					D	A

Organic
[Hilton Hawaiian Village]

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Anion Recognition Chemistry (ORG001)	D	D				
Application of Supramolecular Chemistry in Medicine and Materials Science (ORG002)	D	D				
Bio-active Molecular Design Interwoven by AI Technology, Chemical Biology and Organic Synthesis (ORG004)	D	D				
Development of New Reactions and Technologies Adaptable to Process Chemistry (ORG009)	D	D				
Frontiers in Synthetic Organic Photocatalysis (ORG011)	D	D				
Modern Approaches to Total Synthesis in the 2020s and Beyond (ORG016)	D	D				
New Strategies in C-H Functionalization for Bioactive Molecule Synthesis (ORG020)	D	D				
Organocatalysts for Advanced Molecular Transformations (ORG022)	D	D				
Stereocontrolled Synthesis of Complex Molecules (ORG026)	D	D				
Recent Advances in Chemical Biology – in Memory of Koji Nakanishi, the Pioneer in Natural Product Chemistry on the Occasion of his 100 Year Birthday (ORG024)	D					
Beyond Exogenous: The Direct Visible Light Activation of Transition Metal Catalysts (ORG003)			D	D		
Organic Solid-State Chemistry: Advances from Structures to Properties (ORG021)			D	D		
Synthesis Using Flow and Microreactor Systems (ORG027)			D	A		
Conspicuous Synthesis and Degradation of Organofluorine Compounds (ORG007)			D			
Green Catalysis Science for Sustainable Chemical Synthesis (ORG012)			D			
Modern Synthesis from or toward (Hetero)arenes through Breaking or (Re)creating Aromaticity (ORG017)			D			
New Approaches to Complex Molecular Architectures (ORG019)			D			

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Organic
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	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Recent Advances in Skeletal Editing and Related Reactions (ORG025)			D			
Chemistry of Nanocarbons - Fullerenes, Carbon Nanotubes, Nanographenes and Beyond (ORG006)				D	D	A
Designed pi-Electronic Systems: Synthesis, Properties, Theory, and Function (ORG008)				D	D	A
Harnessing Bio-Inspired Molecular Self-Assembly for Global Challenges (ORG014)				D		
Photosciences In Molecular and Supramolecular Scaffolds (ORG023)				P	D	A
Carbenes for Catalysis and Synthesis (ORG005)					D	A
Enabling Tools for Organic Synthesis (ORG010)					D	A
Green Techniques for Organic & Medicinal Chemistry (ORG013)					D	A
Iodine: Chemistry, Properties, and Uses (ORG015)					D	A
Natural Products in the 'Omics Era' (ORG018)					D	A

Physical
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	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Isolation of Transient Species in Superfluid Helium Droplets (PHY013)	D	D	A			
New Era of Chiral Light-Matter Interaction Effects (PHY016)	D	D				
Outdoor/Indoor Atmospheric Chemistry (PHY017)	D	D				
Recent Advances in Coherent Multidimensional Spectroscopy (PHY019)	D	D				
Ultrafast Chemical Dynamics: Theory meets Experiment (PHY024)	D	D				
Advanced Pi-Conjugated Molecular Semiconductor Materials and Devices for Next-Generation Electronics (PHY002)	D	A				
Chemical Electrostatics (PHY005)	D	A				
Structural Analysis of Complex Materials: Advances in X-ray and Neutron Scattering (PHY021)	D					
Emerging Frontiers in Surface Spectroscopy and Microscopy (PHY008)		D	D			
Accelerator-Based In Situ/Operando Studies in Advancing Chemical Sciences (PHY001)		P	D			
Advances in Single-Molecule and Single-Particle Imaging (PHY003)		P	D			
Dynamics and Thermodynamics of Small Biological and Nanomaterial Systems (PHY006)			D	D		
Microscopic understanding of liquid-liquid interfaces and related phenomena: experiment and theory (PHY015)			D	D		
Spin Polarization in Molecular Systems (PHY020)			D			
Frontier of Colloid and Interface Chemistry (PHY011)			P	D		
Astrochemistry and Astrobiology beyond the Second Period (PHY004)				D	D	A
Emerging Frontiers in Plasmonic Chemistry (PHY007)				D	D	A

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Physical (continued)
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	MONDAY (DEC 15)	TUESDAY (DEC 16)	WEDNESDAY (DEC 17)	THURSDAY (DEC 18)	FRIDAY (DEC 19)	SATURDAY (DEC 20)
Harnessing Synthetic Metamaterials: Exploring Optical and Mechanical Frontiers in Materials Chemistry (PHY012)				D	D	A
Latest Development of Advanced Vibrational Spectroscopy (PHY014)				D	D	A
Recent Advances and Future Developments in Solid Matrix Isolated Species (PHY018)				D	D	A
Synergy of Theory and Experiments in Exploring Molecular Functionality in Supramolecules and Molecular Clusters in the Gas Phase (PHY022)				D	D	A
Emerging New Trends in Functional Solid-state Molecular Materials (PHY009)					D	A
Environment- and energy-related interfacial phenomena by advanced nonlinear spectroscopy (PHY010)					D	A
System Level Descriptions and Control of Self-Organizing Chemical and Biological Systems (PHY023)					D	A