

Oral Sessions: A = AM, P = PM, D = Day (AM & PM), E = Evening Poster Sessions: TA = AM, TE = Evening						
(5) Physical, Theoretical & Computational	PHYS					
Hawaii Convention Center	Tue	Wed	Thu	Fri	Sat	Sun
Physical, Theoretical & Computational General Posters				TA		
Synergistic Relationships between Computational Chemistry and Experiment (#9)			E TA	DE	DE	A
Coarse Grained Modeling and its Integration with Experiments (#30)				P	D	
Ultrafast Intense Laser Chemistry (#35)	D	D TE				
Modeling and Analyzing Exciton and Charge Dynamics in Molecules and Clusters (#44)			D TE	D		
Chemistry of Atmospheric Aerosols (#56)			TE	DE	DE	A
Multiscale Couplings of Molecular Theory of Solvation: Fundamentals and Applications (#60)	D	AE	TA			
Advances in Quantum Monte Carlo (#80)				D TE	D	A
New Insights from Quantum Dynamics and ab initio Potentials in High Dimensional Systems (#84)	D	D TE				
Conformational Dynamics of Biomolecules and the Biomolecule-Solvent Interface (#98)					D TE	A
Deciphering Molecular Complexity from Single Molecules to Cellular Networks (#121)	D	D				
Recent Advances in Dynamics of Confined Liquids (#123)				P TE	DE	A
Computational Modeling of d- and f-Block Chemistry: Challenges and Opportunities (#130)	D	D TE				
Chemical Imaging: Frontiers of Spatio-Temporal Resolution (#134)	D	D TE				
Recent Progress in Molecular Theory for Excited-state Electronic Structure and Dynamics (#142)	D	DE	E TA			
Self-organization in Chemistry (#165)			D TE	D		
Frontiers of Metal Clusters and Nanostructures: From Fundamental Properties to Functionalities (#168)	D	D TE				
Challenges in Plasmonic Photochemistry (#176)				P TE	D	A
Theory of Main Group Chemistry Beyond First Row (#183)	D	TA				
Challenges and Opportunities for Exascale Computational Chemistry (#184)				P	D	A
Latest Development of Advanced Vibrational Spectroscopy (#187)	D	D TE				
Recent Progress in Matrix Isolated Species (#199)			DE	A TE		
Metal Ions and Protein Functions: Theoretical Models and Applications (#202)			DE	D TE		
Quantum Fluid Clusters (#203)					DE	A
Single-molecule Fluorescence Imaging (#208)		DE	D TE			
Molecular Perspectives on Interfacial Electrochemistry and Electrocatalysis (#218)				PE TA	DE	A
Fundamental Science of Photon and Electron Induced Surface Processes (#228)		PE	DE	A		
Interplay between Theory and Experiment in Catalytic Research (#277)		DE	D	TA		
Quantum Coherence in Energy Transfer (#297)				D	D	A
Dynamical Intermolecular Interactions for Biological Functions (#307)				P TE	DE	A
Science with Beams of Radioactive Isotopes (#340)			D	A		
Photocatalysis and Charge Transfer at Interfaces and Nanomaterials (#344)		TE	DE	AE		
Dissociation of Biomolecules in the Gas Phase for Structural Characterization (#352)					D	A
Applications of Coherent Multidimensional Spectroscopy to Chemistry, Biology, and Materials (#370)		D TE	D			
Practical Strategies for Modeling Non-Covalent Interactions (#372)			D TE	A		
Advances in Quantum Dynamics from Spectroscopy to Reactions (#384)					D TE	A

Interfacial Phenomena for Bubbles, Droplets, Films and Soft Matter (#403)			D	D TE	A	
Frontier Chemical Applications Using Accelerator Based Photon Sources (#414)	D	TA				
Reactive Intermediates in Combustion and Atmospheric Chemistry (#419)			E	DE	D TE	A
Frontiers of Photon Upconversion Based on Triplet-triplet Annihilation (#420)	D	TA				
Computational Modeling of Magnetic Materials and Magnetic Properties (#423)	D					
Frontiers of Plasmon Enhanced Spectroscopy (#428)	D	DE	TA			
Recent Experimental and Theoretical Advances in Studies of Liquid Interfaces (#437)				P	D TE	A
Developments in Spectroscopic Investigation of Intermolecular Interactions and Dynamics of Molecular Clusters (#438)	D	DE	E TA			
Interplay between Chemistry and Dynamics in Biomolecular Machines (#441)		DE	TA			
Structure and Spectroscopy of Linear Polyenes: Finite and Infinite (#456)			D TE	A		