

Oral Sessions: A = AM, P = PM, D = Day (AM & PM), E = Evening Poster Sessions: TA = AM, TE = Evening						
(8) Materials & Nanoscience	MTLS					
Hawaii Convention Center	Tue	Wed	Thu	Fri	Sat	Sun
Materials & Nanoscience General Posters					TA	
Organic, Inorganic and Hybrid Nanoparticles: Synthesis, Characterization, and Applications (#23)			P TA	DE	DE	A
Nanocrystal Synthesis, Characterization, Assembly and Applications (#34)	D	E	E TA	P		
Chemistry and Applications of Graphene (#39)			P	D TE	D	A
Conjugated Polymers for Biological Applications (#43)	D	A TE				
Nanowires: Synthesis, Fundamental Properties and Novel Device Applications (#51)			D TE	A		
Metal-oxo Clusters: Molecular Design from Monomers to Infinity (#79)			E	PE TA	DE	A
Two-dimensional Nanosheets and Nanosheet-Based Materials: Synthesis, Characterization, Functionalization and Applications (#95)		P	D TE	A		
Luminescent Nanomaterials: Properties, Mechanisms, and Applications (#101)				P TA	D	A
Molecular Adsorption on Metallic Interfaces: Beyond the Cartoons (#102)	D	A TE				
Design, Synthesis and Applications of Advanced Porous Materials (#111)	D	D TE				
Development of Nano Devices and Nanotechnologies for Environmental Monitoring and Remediation (#124)					D TE	
Frontier and Perspectives in Molecular Spintronics (#127)	D	D TE				
Functional Molecular Materials and Devices (#128)				DE	D TE	A
Applications of Ultrasound to Nanoscience (#150)		P	D TE	A		
Mechanically Responsive Materials (#153)		DE	TA			
Specific Effect(s) in Chemical Reactions by Innovative Technologies (#157)	D	D TE				
Electrochemistry on Boron-doped Diamond (BDD) Electrodes (#162)	D	TA				
Natural to Nanosphere Lithographies: Two Decades of Self-assembled Advanced Materials (#177)		A TE				
Current and Future Applications of Nanotechnology in the Oil Industry (#197)			D			
Janus Materials: Design, Fabrication and Properties (#210)				D TE		
Frontiers of Organic Porous Materials: Structures, Properties and Applications (#223)	D	D TE	A			
Carbon Nanotubes: Preparation, Characterization and Applications (#227)			TE	DE	DE	A
Advances in Bioinspired and Biomedical Materials (#245)				PE TA	DE	A
Self-organization of Membrane Systems (#259)			D TE	A		
Nanomaterials for Nanomedicine (#289)	D	D TE				
Challenge for Rare Element-free Functional Materials (#291)					D TE	A
Advanced Materials for Photonics and Electronics: Fundamentals and Applications (#308)		D TE	D	A		
Nitroxide Radicals: Synthesis and Functional Bio-/Nanomaterials (#309)				P TE	D	A
Data Mining and Machine Learning Meets Experiment and First-Principles Simulation for Materials Discovery (#314)	P	D TE				
Membranes and Nanotechnologies for Energy and Environment Applications (#317)			D TE	D		
Ceramic Materials and Processing for Advanced Applications (#341)			D TE	A		
Supramolecular Assemblies at Surfaces: Nanopatterning, Functionality, Reactivity (#346)				D TE	DE	A
The Physical Structure, Function of Biological and Bioinspired Soft Matter (#347)	D	A TE				
Fundamentals and Applications of Nanomaterials for Energy Technologies (#348)				P TE	D	A
Multi-scale & Synergistic Supramolecular Systems in Material and Biomedical Sciences (#357)				P TA	D	A
Materials for the Mitigation of Chemical Hazards (#388)		TA	D	A		

Design of Innovative Photochromic Applications (#399)			D TE	A		
Safety and Sustainability of Nanotechnology (#404)	D	D TE				
Single-Molecule Function and Measurements (#408)	D	DE	TA			
Advances in Organic Light-Emitting Diodes (#409)		D	D TE			
The Frontiers of Geometrically Frustrated Magnetic Materials (#430)		E	DE			
Synthesis, Structure and Functionalities of Ferroelectrics and Multiferroics (#432)				PE TA	DE	A
Self-assembled Biofunctional Nanomaterials (#433)	D	DE	PE TA			
Application of Luminescent Materials for Radiation Detection (#442)			P	TE		
Self-organization: Novel Mesogens and Applications (#447)					D TE	A