

Schedule of the Keynote Reports

Tuesday, 8 August 2017, The Grand Ballroom, 4F

Time	Topic	Speaker
Session Chair: Kun Qian		
08:50 – 09:30	Interfacial Assembly and Engineering of Ordered Functional Mesoporous Materials for Applications	Dongyuan Zhao
09:30 – 10:10	Multifunctional Materials for Emerging Technologies	Federico Rosei
Session Chair: Federico Rosei		
10:30 – 11:10	Microsizing the Mass Spectrometry Analytical Systems	Zheng Ouyang
11:10 – 11:50	Nanophotonic Ion Sources for Trace Analysis and Molecular Imaging by Laser Desorption Ionization Mass Spectrometry	Akos Vertes
11:50 – 12:30	2D Nanomaterials for Biosensing and Theranostics	Dal-Hee Min
Session Chair: Kyle Jiang		
14:00 – 14:40	Mass Spectrometric Study of Electrochemistry	Hao Chen
14:40 – 15:20	The Role of Membrane Curvature at the Nano-bio Interface	Bianxiao Cui
Session Chair: Hao Chen		
15:40 – 16:20	Biomimetic Surface Features for High Performance Air Bearings and Applications	Kyle Jiang
16:20 – 17:00	Publishing in Wiley Materials Science Journals	Jie Cai

Wednesday, 9 August 2017, The Grand Ballroom, 4F

Time	Topic	Speaker
Session Chair: Ricardo Garcia		
08:30 – 09:10	Combining Arrays and Mass Spectrometry for High Throughput Discovery in Chemistry and Biology	Milan Mrksich
09:10 – 09:50	Monitoring Swelling of (Bio) responsive Soft Materials with Nanometer Resolution	Bjørn Torger Stokke
09:50 – 10:30	Short Pulse Laser Processing and Laser Materials Chemistry in Advanced Manufacturing and Medicine	Borislav Lubomirov Ivanov
Session Chair: Milan Mrksich		
10:50 – 11:30	Advanced Scanning Probe Methods for Measurement, Patterning and Device Fabrication at the Nanoscale	Ricardo Garcia
11:30 – 12:10	Intentionally Encapsulated Metal Alloys within Vertically Aligned Multi-walled Carbon Nanotube Array via Chemical Vapor Deposition Technique	Yasuhiko Hayashi

Thursday, 10 August 2017, The Grand Ballroom, 4F

Time	Topic	Speaker
Session Chair: Ivan Buchvarov		
14:00 – 14:40	Graphene based Far-infrared Heating Films	Bunshi Fugetsu
14:40 – 15:20	Plasmonic Properties of Single Particle-on-film Nanocavities	Dangyuan Lei
Session Chair: Bunshi Fugetsu		
15:40 – 16:20	Advanced Medical and Material Science Applications based on Mid-IR Tunable Laser System: Tabletop Alternative to the Free-Electron Laser	Ivan Buchvarov
16:20 – 17:00	Design of Analytical Platforms for in Vitro Metabolic Diagnostics	Kun Qian