

Tuesday, November 10, 2015

08:30 - 09:00	Registration
09:00 - 09:10	Welcome opening speeches (Yuan-Tseh Lee/ Mei-Yin Chou)
Session1, Chair: Kopin Liu	
09:10 - 09:50	Alexander Mebel <i>Department of Chemistry and Biochemistry, Florida International University</i> Mechanisms of PAH Growth and Oxidation in Combustion
09:50 - 10:20	Sheng-Hsien Lin <i>Department of Applied Chemistry, National Chiao Tung University & Institute of Atomic and Molecular Sciences, Academia Sinica</i> Quantum Chemical Treatment of SFG-Electronic Transition
10:20 - 10:50	Coffee Break
Session2, Chair: King-Chuen Lin	
10:50 - 11:30	Craig Taatjes <i>Combustion Research Facility, Sandia National Laboratories</i> Chemistry of Reactive Intermediates in Combustion and Tropospheric Oxidation Systems
11:30 - 12:00	Yuan-Pern Lee <i>Department of Applied Chemistry, National Chiao Tung University & Institute of Atomic and Molecular Sciences, Academia Sinica</i> Spectroscopy and Reactions of Criegee Intermediates
12:00 - 12:30	Jim Jr-Min Lin <i>Institute of Atomic and Molecular Sciences, Academia Sinica & Department of Chemistry, National Taiwan University</i> Structure Dependent Reactivity of Criegee Intermediates and the Implications in Atmospheric Chemistry
12:30 - 13:40	Lunch
Session3, Chair: Wei-Pin Hu	
13:40 - 14:20	Albert Stolow <i>Departments of Chemistry & Physics, University of Ottawa & Molecular Photonics Group, National Research Council</i> Towards Polanyi Rules for polyatomics: Vibrational Dynamics at Conical Intersections
14:20 - 14:50	Michitoshi Hayashi <i>Center for Condensed Matter Sciences, National Taiwan University</i> A First Principle Study of THz Vibrational Spectroscopy of Molecular Crystals
14:50 - 15:20	Chao-Ping Hsu <i>Institute of Chemistry, Academia Sinica & Department of Chemistry, National Taiwan University</i> Characterization for Diabatic States for Singlet Fission Rates
15:20 - 15:50	Coffee Break
Session4, Chair: Bing-Ming Cheng	
15:50 - 16:30	Roland Wester <i>Institute for Ion Physics and Applied Physics, University of Innsbruck</i> Nucleophilic Substitution Dynamics by Crossed-Beam Ion Imaging
16:30 - 17:00	Kaito Takahashi <i>Institute of Atomic and Molecular Sciences, Academia Sinica</i> Carbon Chain Ion Reaction with D ₂ : Differences between Cation and Anion
17:00 - 18:30	Poster Presentations
18:00 - 19:00	Buffet Dinner

Wednesday, November 11, 2015

08:40 - 09:00	Registration
Session5, Chair: Chaoyuan Zhu	
09:00 - 09:40	Hua Guo <i>Department of Chemistry and Chemical Biology, University of New Mexico</i> Dissection of Polyatomic Reaction Dynamics: $X + H_2O \rightarrow HX + OH$ ($X=F, Cl, O(^3P)$)
09:40 - 10:10	Ming-Chang Lin <i>Department of Applied Chemistry, National Chiao Tung University</i> Effects of Some Roaming-type Transition States on Unimolecular Decomposition Reactions
10:10 - 10:50	Coffee Break
Session6, Chair: Yu-Jong Wu	
10:50 - 11:30	Marc J.J. Vrakking <i>Max Born Institute</i> Strong Field Photoelectron Holography
11:30 - 12:00	Po-Yuan Cheng <i>Department of Chemistry, National Tsing Hua University</i> Ultrafast Ion Chemistry
12:00 - 13:30	Lunch
Session7, Chair: Chia-Chen Wang	
13:30 - 14:10	Arthur G. Suits <i>Department of Chemistry, Wayne State University</i> CPUF: Chirped-pulse Microwave Spectroscopy in Pulsed Uniform Supersonic Flows Probing Reaction Dynamics with Rotational Spectroscopy
14:10 - 14:40	Chi-Kung Ni <i>Institute of Atomic and Molecular Sciences, Academia Sinica & Department of Chemistry National Tsing Hua University</i> MALDI Ionization Mechanism
14:40 - 15:10	Shih-Huang Lee <i>National Synchrotron Radiation Research Center</i> Reactions of C_mH ($m = 1 - 8$) Radicals with Ethyne and Some Related Reactions
15:10 - 15:40	Coffee Break
Session8, Chair: Li-Kang Chu	
15:40 - 16:20	Kimberly Prather <i>Department of Chemistry and Biochemistry, University of California, San Diego</i> Moving the Ocean into the Laboratory for Studies of Sea Spray Aerosol Impacts on Clouds and Climate
16:20 - 17:00	Toshinori Suzuki <i>Department of Chemistry, Kyoto University</i> Ultrafast Photoelectron Spectroscopy of Non-Adiabatic Dynamics in Gas and Liquid Phases
17:00 - 17:20	Poster Awards & Conclusion (Yuan-Tseh Lee)
18:30 -	Dinner (Speaker and Chair only)