

2018 Summer Workshop for Photovoltaics

Venue: Dr. Poe Lecture Hall, Institute of Atomic and Molecular Sciences, Academia Sinica

Date: 12 July 2018 (Thursday)

Time	Agenda
8:30-9:00	Registration
9:00-9:10	Opening Address: Yu Wang (Academician, Academia Sinica)
9:10-9:15	Opening Remark: Juen-Kai Wang (National Taiwan University & Academia Sinica)
9:15-10:15	Invited Talk: David Mitzi (Duke University) <i>Emerging Earth-Abundant Chalcogenide-Based Semiconductors for Solar Energy Conversion</i>
10:15-10:30	Coffee/Tea Break
10:30-11:00	Contributed Talk: Cheng-Ying Chen (National Taiwan University) <i>Boosted Efficient Earth-Abundant $Cu_2ZnSn(S,Se)_4$ Solar Cells by Defect-Controlled and Interface/Contact Engineering</i>
11:00-11:30	Contributed Talk: Ping-Tsung Huang (Fu Jen Catholic University) <i>Aggregation Control of pBCN by a Shear-Induced Crystallization Process and Its Application to Polymer Solar Cells</i>
11:30-12:00	Contributed Talk: Chun-Wei Pao (Academia Sinica) <i>Multiscale Simulations of Morphology of Small Molecule and Perovskite Solar Cells</i>
12:00-13:30	Lunch
13:30-14:30	Invited Talk: Furong Zhu (Hong Kong Baptist University) <i>Stability of Organic Solar Cells: From Light Harvesting, Organic/Metal Interfacial Exciton Dissociation and Charge Collection Perspectives</i>
14:30-15:00	Contributed Talk: Chih-Wei Chu (Academia Sinica) <i>Charge Transport Layer for Efficient Perovskite Solar Cells</i>
15:00-15:15	Coffee/Tea Break
15:15-16:15	Invited Talk: Trystan Watson (Swansea University) <i>Third Generation Solar Cells from Laboratory to Factory: Developing a Scale-up Route for Perovskite Solar Cells</i>
16:15-16:45	Contributed Talk: Yun-Ming Sung (Institute of Nuclear Energy Research) <i>Reduction in Thermal- and Photo-Induced Burn-in Loss of High Performance Polymer Solar Cells</i>
16:45-17:00	Closing Remark

Sponsored by Center for Sustainability Sciences and Institute of Atomic and Molecular Sciences, Academia Sinica