

# 2019 Summer Workshop for Photovoltaics

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

Date: 4 July 2019 (Thursday)

Time	Agenda
8:30	Registration
9:00-9:10	Opening Address: <b>Yue-Gau Chen</b> (Executive Secretary, Center for Sustainability Science, Academia Sinica)
9:10-9:15	Opening Remark: <b>Juen-Kai Wang</b> (National Taiwan University & Academia Sinica)
9:15-10:15	Invited Talk: <b>Sergei Tretiak</b> (Los Alamos National Laboratory) <i>Hybrid Perovskite: From Understanding Fundamental Physics to Optoelectronic Applications</i>
10:15-10:30	Coffee/Tea Break
10:30-11:00	Contributed Talk: <b>Chun-Wei Pao</b> (Academia Sinica) <i>Fast and Accurate Machine Learning Models for Exhaustive Sampling of Microstructure of Perovskite Materials</i>
11:00-11:30	Contributed Talk: <b>Hao-Wu Lin</b> (National Tsing Hua University) <i>All Vacuum Deposited Perovskite Photovoltaics for Solar and Dim Light Applications</i>
11:30-12:00	Contributed Talk: <b>Cheng-Ying Chen</b> (National Taiwan University) <i>Earth-abundant Kesterite Based Chalcogenide Materials [Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub>] for Photovoltaics</i>
12:00-13:30	Lunch
13:30-14:30	Invited Talk: <b>Iain McCulloch</b> (King Abdullah University of Science and Technology) <i>Semiconducting Polymers for High Performance OFET and OECT Applications</i>
14:30-15:00	Contributed Talk: <b>Ping-Tsung Huang</b> (Fu Jen Catholic University) <i>Morphology optimization of sheared crystallizable conjugated polymer/PCBM active layers</i>
15:00-15:15	Coffee/Tea Break
15:15-16:15	Invited Talk: <b>Yulia Galagan</b> (Netherlands Organisation for Applied Scientific Research) <i>Scaling Up and Roll-to-Roll Manufacturing of Perovskite Photovoltaics</i>
16:15-16:45	Contributed Talk: <b>Hua-Kai Lin</b> (Institute of Nuclear Energy Research) <i>Fabrication and Characterization of Organic Photovoltaic Module for Indoor Application</i>
16:45-17:30	Invited Talk: <b>Ho-Hsiu Chou</b> (National Tsing Hua University) <i>Skin-inspired Materials and Devices</i>
17:30	Closing Remark