



## Program for AEARU 6<sup>th</sup> Energy and Environmental Workshop

August 26, 2016

Multi-purpose Digital Hall, West Building 9  
Tokyo Institute of Technology

me	Program
09:00-09:20	Registration
09:20-09:30	Opening Remarks Dr. Yoshinao MISHIMA, President ,Tokyo Institute of Technology
09:30-10:30 (1 h)	Keynote Address Dr. Joey LUTHER, National Renewable Energy Laboratory, USA <i>The future generation of photovoltaics employing low-cost, high efficiency, solution-processed active layers</i>
10:30-10:45	Break (Media Hall)
10:45-11:55 (1 h 10 min)	Session 1 ·Dr. Takaya KUBO, The University of Tokyo <i>Solution Processable Hybrid Solar Cells based on Colloidal Quantum Dots</i> ·Dr. Atsushi WAKAMIYA, Kyoto University <i>Our Chemical Approaches towards Highly Efficient Perovskite Solar Cells</i>
11:55-12:55	Lunch
12:55-14:40 (1 h 45 min)	Session 2 ·Dr. Hong LIN, Tsinghua University <i>Carbon Nanomaterials and Silver Nanowires for Efficient Perovskite Solar Cells</i> ·Dr. Hidetoshi MATSUMOTO, Tokyo Institute of Technology <i>Polymer semiconductor nanofiber network for efficient organic photovoltaics</i> ·Dr. Byungha SHIN, Korea Advanced Institute of Science and Technology <i>Effects of processing conditions on methylammonium lead halide perovskite: from fundamental materials properties to device performance</i>
14:40-14:50	Break (Media Hall)
14:50-16:00 (1 h 10 min)	Session 3 ·Dr. Takashi SAGAWA, Kyoto University <i>Band-gap Tuning of ZnO/Ag-In-Zn-S Nanoparticles for Hybrid Solar Cells</i> ·Dr. Manabu IHARA, Tokyo Institute of Technology <i>Plasmonic and Si nanostructured solar cells</i>
16:00-16:10	Break (Media Hall)
16:10-17:20 (1 h 10 min)	Session 4 ·Dr. Shinichiro FUSE, Tokyo Institute of Technology <i>Elucidating the Structure-Property Relationships of Donor-<math>\pi</math>-Acceptor Dyes for DSSCs through Rapid Library Synthesis</i> ·Dr. Yuji WADA, Tokyo Institute of Technology <i>Perovskite Solar Cells Created in the Research of Dye Sensitized Solar Cells</i> — Similarities and Differences