Day 1: Dec 12, 2016 (Monday)

9:00 – 9:15 Opening Remarks – Prof. CP Wong, Dean of Engineering, CUHK

Photovoltaics: General
9:15 – 10:00 Keynote Speech: PV Development in China and Future Forecast
Sicheng Wang, National Development and Reform Commission (NDRC), China

10:00 – 10:30 Invited Speech: Synchrotron X-ray scattering based thin film solar cell studies
Xinhui Lu, The Chinese University of Hong Kong

10:30 – 11:00 Coffee Break

Alternative Energy
11:00 – 11:45 Keynote Speech: A Nanowire Tool Box and Emergent Macroscopic Nanowire Assemblies for Energy Conversion and Storage
Shuhong Yu, University of Science and Technology of China

Jianfang Wang, The Chinese University of Hong Kong

12:15 – 13:45 Lunch

Thin film Compound Semiconductor Solar Cells:
13:45 – 14:30 Keynote Speech: Thin-Film Solar Cells and Modules based on CIGS: Cell Efficiencies of 22.6%, Highly Productive Processes and Future Aspects
Michael Powalla, Center for Solar Energy and Hydrogen Research, Germany

14:30 – 15:00 Invited Speech: Surfactant and alloying strategies to reduce Zn rich secondary phases in CZTS
Junyi Zhu, The Chinese University of Hong Kong

15:00 – 15:30 Invited Speech: Industrialization of CIGS-based Flexible Solar Cells
Jiakuan Zhu, Shine Technology, Zhejiang, China

15:30 – 16:00 Coffee Break

16:00 – 16:30 Invited Speech: Sb2Se3: A Non-toxic Alternative to CdTe for Thin Film Solar Cells? Jiang Tang, Huazhong University of Science and Technology (HUST)

16:30 – 17:00 Invited Speech: Above 10% Efficiency Cu2ZnSn(S,Se)4 Thin Film Solar Cell Fabricated by Magnetron Sputtering. Yi Zhang, NanKai University, China

17:00 – 17:30 Invited Speech: Comparative Study of CIGS and CZTS Thin Film Solar Cells
Chunlei Yang, Shenzhen Institutes of Advanced Technology (SIAT), Shenzhen
Day 2: Dec 13, 2016 (Tuesday)

**Pervoskite & OPV:**

9:30 – 10:15  
**Keynote Speech: Metal Halide Perovskite Solar Cells**  
Henry Snaith, University of Oxford, UK

10:15 – 10:45  
**Invited Speech: A new room temperature approach for forming high performance CH3NH3PbI3 solar cells with good productivity and stability**  
Wallace C.H. Choy, The University of Hong Kong

10:45 – 11:15  
*Coffee Break*

11:15 – 12:00  
**Keynote Speech: Fully Printable Mesoscopic Solar Cells Based on Triple Mesoscopic Layers**  
Hongwei Han, Huazhong University of Science and Technology, China

12:00 – 12:30  
**Invited Speech: Temperature dependent aggregation enables organic solar cells with efficiency up to 11.7%**  
Zhang Guangye, The Hong Kong University of Science & Technology

12:30 – 14:00  
*Lunch*

14:00 – 14:30  
**Invited Speech: Novel Thienoacene-Based Semiconducting Materials for Organic Solar Cells**  
Ricky M.S. Wong, Hong Kong Baptist University

14:30 – 15:00  
**Invited Speech: High Efficiency Perovskite-based Photovoltaic Cells Fabricated on TiO2 Nanorod/FTO Substrates**  
Charles Surya, The Hong Kong Polytechnic University

15:00 – 15:30  
Poster Award Presentation

Organizing Committee:
Prof. Jianbin Xu, Department of Electronic Engineering and Director of Materials Science and Technology Research Center, CUHK  
Prof. Xudong Xiao, Department of Physics, CUHK  
Prof. Jimmy Yu, Choh-Ming Li Professor of Chemistry and Head of United College, CUHK  
Miss Mandy Tse, Project Manager, Faculty of Engineering, CUHK

Enquiry and registration: Tel: 3943-8450; Email: mandytse@erg.cuhk.edu.hk