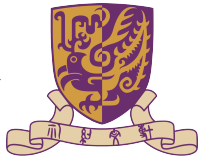


# Joint Workshop on "Energy-Next"



**FREE-for-ALL**

**DATE:** 21 November, 2015

1:30pm - 5:05pm

**PLACE:** Meeting Room 410, 4th Floor, Bldg. 55-S

**ORGANIZER:** Faculty of Engineering, CUHK

Unit for Energy and Nanomaterials, TGU Project, WASEDA

**AUSPICES:** Research Institute for Science and Engineering, Research Organization for Nano & Life Innovation, Advanced Collaborative Research Organization for Smart Society (ACROSS), Leading Graduate Program in Science and Engineering

1:30 Prof. H. Nishide (Waseda University)

Opening & Introduction to TGU Project and Research

1:50 Prof. C. P. Wong (The Chinese University of Hong Kong)

It's a Small World After All: Recent Advances on Nano Materials and Technologies: Past, Present and Future for Electronic, Photonic and MEMS Packaging

2:20 Prof. T. Yokoshima (Waseda University)

Next Generation Batteries for System-Interconnection Power Supply System

2:40 Assoc. Prof. A. Y. Zhang (The Chinese University of Hong Kong)

Battery Energy Storage System for Primary Frequency Control

3:00 (Break)

3:20 Prof. H. Ishii (Waseda University)

Study on Energy Management and Demand Response at EMS Shinjuku Demonstration Center

3:40 Assoc. Prof. J. Huang (The Chinese University of Hong Kong)

Joint Investment and Operation of Microgrid with Renewable Energy Sources

4:00 Assoc. Prof. M. Chen (The Chinese University of Hong Kong)

Competitive Online Energy Generation Scheduling for Microgrids with Intermittent Energy Sources and Co-generation

4:20 Prof. Y. Ohki (Waseda University)

Polymer Nanocomposite as a Cutting-edge Dielectric Material

4:40 Prof. S. T. Li (Xi'an Jiaotong University)

Surface Flashover of Nanodielectrics: from Electrical Engineering to Physical Fundamentals

5:00 Closing



Unit for Energy and Nanomaterials, TGU Project, Waseda University  
Contact person: Ms. SUDA (73-6648, a.suda@kurenai.waseda.jp)