

TRS Project Workshop for Smart Energy Distribution and Utilization 2018

28 - 29 May 2018 (Mon - Tue)

Host: Faculty of Engineering, The Chinese University of Hong Kong
Department of Electrical Engineering, The Hong Kong Polytechnic University



Supported by: Vice-Chancellor's Discretionary Fund, CUHK

Venues: Seminars: TY Wong Hall, 5/F, Ho Sin Hang Engineering Building, CUHK
Poster session: Room 603, Ho Sin Hang Engineering Building, CUHK
Location Map: [\[PDF Map\]](#) [\[Google Map\]](#)

28 May 2018 (Monday)

9:30 – 10:00	Registration and Reception (Foyer, 5/F)
10:00 – 10:10	Opening Remarks and Introduction of the TRS Project <i>Jianbin Xu, Department of Electronic Engineering, CUHK</i>
10:10 – 10:20	Welcome Remarks and Introduction of Prof. Yonghua Song <i>Rocky Tuan, Vice-Chancellor, CUHK</i>
10:20 – 10:30	Group Photo
10:30 -- 11:10	Keynote Speech: "Electric Vehicles as Flexible Resources for the Power Grid: Background, Opportunities & Solutions" <i>Yonghua Song, Rector, University of Macau</i>
11:10 – 11:30	Coffee Break (Foyer, 5/F)
11:30 – 12:20	Keynote Speech: "Real-time Control and Optimization of Power Networks" <i>Steven Low, California Institute of Technology, USA</i>
12:20 – 12:50	Invited Speech: "Duration-deadline Jointly Differentiated Energy Services" <i>Wei Chen, Hong Kong University of Science and Technology</i>
12:50 – 14:20	Lunch
14:20 – 14:40	Invited Speech: "Internet of Things (IoT) Solutions for Energy Management" <i>Travis Kan, Director of Business Development, Schneider Electric</i>
14:40 – 15:00	Invited Speech: "Accelerate the World's Transition to Sustainable Energy" <i>Isabel Fan, Regional Director, Tesla, Hong Kong, Macau and Taiwan</i>
15:00 – 15:15	Coffee Break (Foyer, 5/F)
15:15 – 15:35	Invited Speech: "Integrated Smart Energy Solution for Parks" <i>Eddie Wu, Director – Smart Energy China, CLP Holdings Limited</i>
15:35 – 15:55	Invited Speech: "Photovoltaic Project with Battery Storage Planned on Po Toi Island" <i>CK Lau, General Manager (Projects), HK Electric</i>
15:55 – 16:25	Invited Speech: "Stochastic and Data-driven Optimization Approaches Enabling the Power System Resilience" <i>Kai Pan, The Hong Kong Polytechnic University</i>
16:25 – 18:00	Poster Session with Light Refreshment (with poster presenters) Venue: Room 603, Ho Sin Hang Engineering Building, CUHK

Free Registration (Required):

<https://sse.org.cuhk.edu.hk/sse/node/175>



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29 May 2018 (Tuesday)

- 9:30 – 10:20 **Keynote Speech: "Towards Energy Sustainability: A System Point of View"**
Zaiyue Yang, Southern University of Science and Technology
- 10:20 – 10:50 **Invited Speech: "Optimal Design and Control for Buildings Today and Future Grid-Responsive Buildings"**
Shengwei Wang, The Hong Kong Polytechnic University
- 10:50 – 11:10 **Coffee break (Foyer, 5/F)**
- 11:10 – 12:00 **Keynote Speech: "Evolution of Perovskite Solar Cells"**
Sang Il Seok, Ulsan National Institute of Science and Technology (UNIST), Korea
- 12:00 – 12:30 **Invited Speech: "Cyber Physical Social System Modelling: A Machine Learning Based Approach"**
Junhua Zhao, The Chinese University of Hong Kong, Shenzhen
- 12:30 – 13:00 **Invited Speech: "The Intelligent Inspection of Wind Turbine Blade Surface Cracks"**
Zijun Zhang, City University of Hong Kong
- Concurrent **Poster Display**
poster display: Venue: Room 603, Ho Sin Hang Engineering Building, CUHK
9:00 – 11:10

Organizing Committee:

Prof. Angela Yingjun Zhang, Department of Information Engineering, CUHK
Prof. Zhao Xu, Department of Electrical Engineering, Hong Kong Polytechnic University
Prof. Minghua Chen, Dept of Information Engineering, CUHK
Prof. Jianbin Xu, Department of Electronic Engineering, CUHK
Prof. Yi-Chun Lu, Department of Mechanical and Automation Engineering, CUHK
Miss Mandy Tse, Project Manager, Faculty of Engineering, CUHK

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

Supporting Organizations:



Free Registration (Required):

<https://sse.erg.cuhk.edu.hk/sse/node/175>

