



International Conference

- Meeting the challenges of energy transition through multi-disciplinary collaboration

13-14 September 2018

Wong Cheung Lo Hui Yuet Hall, City University of Hong Kong

Background

The energy industry and society at large are facing rapid changes which in part are due to the transition of energy from a hydrocarbon based commodity to one which has diverse sources with increasing elements of sustainability. The way we consume energy in our daily lives is changing rapidly with altering patterns of consumption, which may no longer match the tradition concepts of supply. Our whole economy is inevitably moving towards a circular, sustainable economy driven by our changing lifestyle. We intend to not only explore how the energy supply industry is changing, but also changes in the way society consumes energy and what we as energy professionals are doing to meet the challenges ahead. Regional, cross-border and multi-disciplinary collaboration of energy professionals is required to achieve this goal.

Objectives

- how the energy industry is adapting to embrace changes in energy use throughout society in terms of vision, policy and technology;
- how new technologies developed in our academic institutions are adopted in the energy industry
- how the industry is developing new technologies to meet the energy transition challenge
- how multi-disciplinary collaboration can facilitate transition of energy use in the industry and in society

Target Audiences

Energy professionals, engineers, consultants, facility and property management professionals, government officials, policy makers, scientists, researchers and academics.

Information

Date	13-14 September 2018 (Thursday & Friday)		
Venue	Wong Cheung Lo Hui Yuet Hall, Floor 5, Lau Ming Wai Academic Building, City University of Hong Kong		
Language	English		
Registration Fee	Regular	HK\$1,250/GBP120	covers: - 1.5-day conference - Conference material - Tea breaks & lunches
	Member of supporting organizations/students	HK\$1,100/GBP105	
	Member of organizers/co-organizers	HK\$1,000/GBP95	
CPD	Attendance certificates will be issued upon request.		
Registration & Payment	Please register through the on-line system at the link http://goo.gl/APgxDY .		
	An acknowledgement together with payment instructions will be issued upon registration.		
	Enrolment will be confirmed only after receipt of payment.		
Registration Deadline	5 September 2018		



Co-organizers



Department of Mechanical Engineering



Sponsors



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Supporting Organizations

- The American Society of Heating, Refrigerating and Air-Conditioning Engineers Hong Kong Chapter
- Asian Institute of Intelligent Buildings
- BEAM Society
- Business Environment Council
- The Chartered Institute of Plumbing and Heating Engineering-Hong Kong Branch
- The Chartered Institution of Building Services Engineers, Hong Kong Branch
- CIE Hong Kong
- Electrical and Mechanical Services Department, The Government of the HKSAR
- Environmental Protection Department, The Government of the HKSAR
- Hong Kong Air Conditioning and Refrigeration Association
- The Hong Kong Association of Property Management Companies
- The Hong Kong Federation of Electrical and Mechanical Contractors Limited
- The Hong Kong Green Building Council
- The Building Services Division, Hong Kong Institution of Engineer
- The Environmental Division, Hong Kong Institution of Engineers
- The Gas & Energy Division, Hong Kong Institution of Engineers
- Department of Building Services Engineering, The Hong Kong Polytechnic University
- The Institution of Mechanical Engineers (Hong Kong Branch)
- International Facility Management Association (Hong Kong Chapter)
- Smart City Consortium
- The Society of Operations Engineers (Hong Kong Region)

Conference Steering Committee:

Chairman: Ir Edmund KH LEUNG, Past Chairman,
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Members : Ir Dr HF CHAN, Cinotech Consultants Limited
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Ir TK CHIANG, CLP Power Hong Kong Limited
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Ir Dr Otto POON, Hong Kong Climate Change Forum
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Ir KT LEUNG, Global Green Energy and Environmental Consultants
Ir Prof Michael LEUNG, City University of Hong Kong
Ir Dr Vivien LU, The Hong Kong Polytechnic University
Ir KF YEE, Energy Institute Hong Kong

Programme

13 September 2018 (Thursday) [Day 1]

- 8:30 - 9:00** **REGISTRATION**
- 9:00 - 9:05** **Welcome Speech**
- Prof Way KUO, JP, President and University Distinguished Professor, City University of Hong Kong
- 9:05 - 9:35** **Keynote Address**
- Mr WONG Kam-sing, GBS, JP, Secretary for the Environment, HKSAR Government, Hong Kong (TBC)
- 9:35 - 10:05** **Keynote Speech: Global Megatrends and the Energy Transition**
- Mr Malcolm BRINDED, CBE, FREng, FEI, President, Energy Institute, UK
- 10:05 - 10:10** **Gratitude Speech**
- Ir Edmund LEUNG, SBS, OBE, JP, Chairman, Conference Steering Committee, Hong Kong
- 10:10 - 10:20** **Group Photo Taking**
- 10:20 - 10:50** **TEA BREAK**
- Keynote Session: Energy Transition - Leading Change in the Supply Industry**
- 10:50 - 11:15** **A Complete Transition of Fuel Mix for Cleaner Air and Better Environment**
- Ir CT WAN, Managing Director, The Hongkong Electric Co., Ltd.
- 11:15 - 11:40** **LNG Applications for Land and Marine Vehicles**
- Ir Alfred WK CHAN, BBS, Managing Director, The Hong Kong & China Gas Company Limited
- 11:40 - 12:05** **Powering Hong Kong towards a Lower Carbon City**
- Ir TK CHIANG, Managing Director, CLP Power Hong Kong Limited
- 12:05 - 12:30** **Development Post Paris Agreement - The Leading Role of China in Carbon Reduction**
- Ir Dr Otto POON, OBE, BBS, Co-founder and Past Chairman, Hong Kong Climate Change Forum / Honorary Fellow, Energy Institute
- 12:30 - 12:55** **Challenges and the Future of Distributed Energy System in China**
- Dr WANG Dongrong, Director, Policy Research Center, China Power International Holding Limited / China Power International Development Limited
- 12:55 - 14:25** **LUNCH**
- Theme: Energy Transition - Energy in Society**
Moderator: Ir Colin CHUNG, WSP (Asia) Limited / Past Chairman, Energy Institute Hong Kong
- 14:25 - 14:50** **Session Keynote: Moving Ahead with MTR for a Better Environment**
- Dr Tony LEE, Chief of Operations Engineering, MTR Corporation

13 September 2018 (Thursday) [Day 1]

- 14:50 - 15:15** **Energy and the Circular Economy**
- Mr Peter GODFREY, Managing Director, Energy Institute Singapore Branch
- 15:15 - 15:40** **Accelerate the World's Transition to Sustainable Energy**
- Ms Isabel FAN, Regional Director, Tesla
- 15:40 - 16:10** **TEA BREAK**
- Theme: Energy Transition - Policy and Action**
Moderator: Ir Prof Michael LEUNG, City University of Hong Kong / Past Chairman, Energy Institute Hong Kong
- 16:10 - 16:35** **Policies and Actions for Climate Change in China**
- Mr LI Jun Feng, First Director and Chairman of Academic Committee of National Center for Climate Change Strategy and International Cooperation
- 16:35 - 17:00** **Utilities Responses to a Low Carbon Economy**
- Ir TSAI Chao Chung, Charles, Chief Executive Officer, Power Assets Holdings Limited
- 17:00 - 17:30** **Q&A session & Souvenir Presentation**

14 September 2018 (Friday) [Day 2]

- 8:30 - 9:00** **REGISTRATION**
- Theme: Energy Transition - Multi-Disciplinary Collaboration**
Moderator: Ir Dr HF CHAN, Cinotech Consultants Limited; Honorary Fellow, Energy Institute
- 9:00 - 9:20** **Knowledge, Skills and Good Practice to Meet the Carbon Challenge**
- Ms Louise KINGHAM, OBE FEI, Chief Executive, Energy Institute, UK
- 9:20 - 9:40** **Co-creating a Sustainable City**
- Ir POON Kwok Ying, Raymond, Assistant Director / Electricity & Energy Efficiency, Electrical and Mechanical Services Department, HKSAR Government
- 9:40 - 10:00** **Experiences with Sustainable Construction Projects in Asia**
- Ms Anne JACOBS, Senior Expert, Sustainable Construction, BASF East Asia Regional Headquarters Limited
- 10:00 - 10:30** **TEA BREAK**
- 10:30 - 10:50** **Carbon Capture, Utilization and Storage: Global Opportunities and Challenges**
- Ir Prof Dennis LEUNG, Professor and Associate Head, Department of Mechanical Engineering, the University of Hong Kong
- 10:50 - 11:10** **Innovative Use of Biogas**
- Ir Dr Patrick LEE, Associate Professor, Associate Dean (Undergraduate Studies), School of Energy and Environment, City University of Hong Kong
- 11:10 - 12:30** **Discussion Forum**
- 12:30 - 14:00** **Closing & Networking Reception**

Subject to changes without prior notice.

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