



機電工程營運基金
EMSTF

富運甘霖 源於心 役於人
賦電未來 為創新 惠及民
Serving with Care and Innovation
20 Years and Beyond

EMSD SUMMIT

Imaginovate HK

17-18 Nov 2016

CHARLES K.KAO AUDITORIUM, HONG KONG SCIENCE PARK

Background

EMSD organizes "EMSD Summit" where heavyweight, eminent stakeholders will get together to imagine, innovate and share views on E&M engineering solutions for tomorrow's Hong Kong – Asia's World City.

The Summit aims to provide a platform for some 300 local and overseas experts from learned societies, government, consulting firms, universities, trade associations, environmental groups and other concerned parties to share experience, create ideas, stimulate innovations and touch base on major development directions for future E&M engineering solutions and energy saving measures.

Purposes of the Summit

The Summit will generate, through the distillation of the views and ideas presented and discussed, a concerted blueprint of the development directions of E&M engineering solutions and energy-saving measures for future Hong Kong.

The Programme

Day 1 - 17 November 2016

Welcome Address: Ir Frank CHAN Fan, Director of Electrical and Mechanical Services, The Government of the HKSAR

Opening Address: Mr Paul CHAN Mo-po, Secretary for Development, The Government of the HKSAR

Keynote Session

The Flexible City: Regenerative Sustainability and the Urban Technological Transition

Prof Steve RAYNER, James Martin Professor of Science & Civilization, Univeristy of Oxford, UK

Paris Climate Change Conference: Implications for Engineering Sector

Ir Dr Otto POON, Co-founder and Past Chairman, Hong Kong Climate Change Forum

Panel Discussion

Panel Discussion on Vision for Hong Kong in 2066

Moderator:

Ir Frank CHAN Fan, Director of Electrical and Mechanical Services, The Government of the HKSAR

Panel Members:

- Ms Christine LOH, Under Secretary for the Environment, The Government of the HKSAR
- Mr S M YAU, Under Secretary for Transport and Housing, The Government of the HKSAR
- Ir Joseph CHOI, President, The Hong Kong Institution of Engineers
- Mr Paul CHONG, President, The Hong Kong Federation of Electrical and Mechanical Contractors Limited

Organizer :



Platinum Sponsors :



Gold Sponsor :



Parallel Session

Theme:

Building in Future City

Home for Tomorrow

Lifestyle of Health and Sustainability

Advanced Technologies Adopted in Air-conditioning

Speaker: Prof William BAHNFLETH, Professor, Pennsylvania State University, USA

Rope-free Elevator System

Speaker: Mr Joerg MUELLER, Head of Major Project Consulting, ThyssenKrupp Aufzugswerke GmbH, Germany

Retro Commissioning and Optimization of Building Operation

Speaker: Mr Kenneth LI, Director, Building MEP, China Region, WSP | Parsons Brinckerhoff

Direct Current Supply for Future Home

Speaker: Prof Eric CHENG, Director, Power Electronics Research Centre, The Hong Kong Polytechnic University

Exoskeletons for the Elderly: Challenges in Control Interfaces

Speaker: Prof Richard SO, Hong Kong University of Science & Technology

Technologies for Smart Ageing City

Speaker: Mr William LI, Assistant Vice President, Consumer Group with Hong Kong Telecom

Sustainable Consumerism

Speaker: Prof WONG Yuk-shan, Chairman, Consumer Council

Lifestyle of Health and Sustainability

Speaker: Dr Vivian TAAM WONG, Chairperson, Friends of the Earth (HK)

Vision of Hong Kong Youth

Speaker: Youth Energy Saving Awardees

Theme:

Future City Transportation

Power up for Tomorrow's City

Hong Kong in 2066

Autonomous Car – The Driverless Car Technology

Speaker: Mr Patrick LAM, Senior Traffic and Transport Engineer, Project Delivery, West Kowloon Cultural District Authority

Intelligent Transport for City of Tomorrow

Speaker: Dr Jacob KAM, Managing Director - Operations & Mainland Business, MTR Corporation Limited

Global Outlook of Electric Vehicles Development

Speaker: Prof C C CHAN, Honorary Professor, The University of Hong Kong

How Smart Grid Enables a Greener and Smarter Future City of Hong Kong

Speaker: Ir Eddie WU, Director – Technical Services, Power Systems, CLP Power Hong Kong Limited

A Greener Future – Safe, Reliable and Clean Electricity Generation

Speaker: Ir Francis CHENG, Director & General Manager (Generation), The Hongkong Electric Company, Limited

How Natural Gas Changes Cities in Mainland China

Speaker: Mr Martin KEE W N, Director and Executive Vice President, Towngas China Company Limited

Building Information Modelling for Asset Management

Speaker: Chief Engineer/ Project, Electrical and Mechanical Services Department, The Government of the HKSAR

Big Data – Application of Environmental Sensors for Building and Sustainable Environment

Speaker: Dr Zhi NING, School of Energy and Environment, City University of Hong Kong

A Typical Day in 2066

Speaker: Young Engineers, Electrical and Mechanical Services Department, The Government of the HKSAR

Day 2 - 18 November 2016

Technical Visit

An optional technical visit to the following locations (limited to 30 persons in each location) will be arranged (registrant can only choose one location):

- 1) Hong Kong-Zhuhai-Macao Bridge Site, Lantau
- 2) District Cooling System at Kai Tak Development
- 3) NTT Communications Hong Kong Financial Data Centre Tower II, Tseung Kwan O

- Please contact the Event Secretariat at (+852)2967 8855 for further details.

- Registrant will receive the confirmation of the technical visit within 7 working days after receipt of the application.

*All details are subject to change without further notice

General Information

Date & Time	17 November 2016 (Thursday), 09:00 – 17:30 (Conference) 18 November 2016 (Friday), 09:00 – 12:00 (Technical Visit)		
Venue	Charles K. Kao Auditorium, I/F, Lakeside 2, Phase II, Hong Kong Science Park, Shatin, New Territories, Hong Kong		
Language	English		
Registration Fee	Conference on 17/11/2016	HK\$1,200 per head	- 1-day Conference - Conference material - Tea breaks & lunch
	Technical Visit on 18/11/2016	HK\$200 per head per visit	- Transportation - Insurance
Registration & Payment	Please register through the on-line system at the link https://goo.gl/wlrRx4 . An acknowledgement together with payment instructions will be issued upon registration. Enrolment will be confirmed only after receipt of payment.		
Registration Deadline	8 November 2016		
Attendance Certificate	Will be issued upon request		
Event Secretariat	For further information, please contact the Event Secretariat, Ms April LI [Tel: (852) 2967 8855; email: aprilagc@gmail.com]		

