Through different channels, Electrical and Mechanical Services Department (EMSD) of the Government of the HKSAR has been promoting E&M safety as well as energy efficiency and conservation to the community with the objective to foster a safe and low carbon environment. In this connection, EMSD in association with The Hong Kong Institution of Engineers are organising a “Symposium on Electrical & Mechanical Safety and Energy Efficiency” on 20 - 21 January 2014, to discuss issues on electrical, gas, mechanical and railways safety and the efficient use of energy. Target audience of the Symposium includes local, mainland and overseas professionals coming from government departments, consulting firms, academia, trade associations, green groups and other related parties.

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

Keynote Remarks
Ir Raymond KS CHAN, President, The Hong Kong Institution of Engineers

Opening Address
Mr Wong Kam-sing, JP, Secretary for the Environment, The Government of the HKSAR

Opening Ceremony
Ir Duncan WO WONG, Chairman, Gas & Energy Division, The Hong Kong Institution of Engineers

The Application of Innovation and Technology to Enhance the Safety and Reliability of the Gas Distribution System in Hong Kong
Mr NGO Siu-hing, Simon, Head of Engineering-Hong Kong Utilities, The Hong Kong and China Gas Company Limited

New Gas Receiving Station Operations
Dr CHAN Wai-kuen, Simon, Deputy Director (Black Point Power Station/Penny’s Bay Power Station), CLP Power Hong Kong Limited

Key Issue in Promoting the Natural Gas Distributed Energy Sources
Mr FANG Jianping, Director, China City Gas Association, People’s Republic of China

New Energy Efficiency Evaluating Methodology of Air Conditioner and Heat Pump
Dr Jun-Young CHOI, Team Leader/Principal Researcher, Energy Technology Center, Korea Testing Laboratory, Republic of Korea

Integrated Approach for Building Energy Performance Optimization
Dr Raymond YAU, Arup Fellow, Director of Arup HK, Ove Arup & Partners Hong Kong Ltd.

Hybridization and Electrification - a Vehicle Transition to Better Energy Efficiency
Mr SITU Lixin, Chief R&D Manager, Hong Kong Productivity Council/APAS

The Programme
Day 1 AM (20 January 2014)
Opening Ceremony

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

Keynote Remarks
Ir Raymond KS CHAN, President, The Hong Kong Institution of Engineers

Opening Address
Mr Wong Kam-sing, JP, Secretary for the Environment, The Government of the HKSAR

Keynote Session
Leading the Charge to Advance Clean Energy and Climate Security in the Asia-Pacific
Dr Phyllis Genther YOSHIDA, Lead Shepherd, APEC Energy Working Group / Deputy Assistant Secretary, International Energy Cooperation, Department of Energy, USA

Skills and Safety
Mr Chris MURRAY, President, Institution of Gas Engineers & Managers (IGEM), UK

Day 1 PM (20 January 2014)

Session Theme | Gas Safety & Energy Efficiency
---|---
Session Chairman | Ir Duncan WO WONG, Chairman, Gas & Energy Division, The Hong Kong Institution of Engineers

The Application of Innovation and Technology to Enhance the Safety and Reliability of the Gas Distribution System in Hong Kong
Mr NGO Siu-hing, Simon, Head of Engineering-Hong Kong Utilities, The Hong Kong and China Gas Company Limited

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Session Chairman | Ir Dr PL YUEN, Chairman, Building Services Division, The Hong Kong Institution of Engineers

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Purposes of the Symposium
- To address concerns of key stakeholders and strive towards attaining sustainable growth in connection with economic advancement and environmental conservation, through effective energy management and high level of electrical, gas, mechanical and railways safety.
- To facilitate a multi-dimensional platform for policy makers, professional engineers, energy managers, business decision-makers, academics and internationally renowned experts to share their in-depth knowledge and exchange information on electrical, gas, mechanical and railways safety and energy efficiency.
- To enhance understanding and cultivate co-operation among all parties concerned through ideas sharing on issues in relation to electrical, gas, mechanical and railways safety and energy efficiency.

Session Keynote
Session Chairman
Session Keynote
# Day 2 AM (21 January 2014)

## Session Theme | Railways Safety
---|---
**Session Chairman** | Ir C L LEUNG, Chairman, Electrical Division, The Hong Kong Institution of Engineers
**Session Keynote** | How to Maximize Efficiency of a Railway Without Compromising Safety?  
Ir T C CHEW, Projects Director, MTR Corporation Limited

**Session Chairman** | Ir HO Siu-kwong, Deputy Chairman, Electrical Division, The Hong Kong Institution of Engineers
**Session Keynote** | Regulatory Reform of Railway Safety in Australia  
Mr Rob BURROWS, Director, Office of Railway Safety, Department of Transport, Western Australia

**Session Chairman** | Ir Prof QIU Huihe, Committee Member, Mechanical, Marine, Naval, Architecture & Chemical Division, The Hong Kong Institution of Engineers
**Session Keynote** | Sustaining Railway Safety Excellence: a Strong Stakeholder Alignment & Engagement  
Ir Dr Tony LEE, Chief of Operations Engineering, MTR Corporation Limited

## Day 2 PM (21 January 2014)

## Session Theme | Electrical & Mechanical Safety
---|---
**Session Chairman** | Ir C L LEUNG, Chairman, Electrical Division, The Hong Kong Institution of Engineers
**Session Keynote** | How Smart Meters Enable Advanced EE&C Services  
Mr Wayne PALES, Head of Smart Grid Program, CLP Power Hong Kong Limited

**Session Chairman** | Ir Prof QIU Huihe, Committee Member, Mechanical, Marine, Naval, Architecture & Chemical Division, The Hong Kong Institution of Engineers
**Session Keynote** | Factory Systems Integration Test Programme Undertaken for the Taiwan High Speed Rail Core System  
Mr Patrik TALAS, Director, Systems Engineering & Assurance, Atkins China Limited

**Session Chairman** | Ir HO Siu-kwong, Deputy Chairman, Electrical Division, The Hong Kong Institution of Engineers
**Session Keynote** | Safety and Energy Efficient Features of Lifts and Escalators Adopted in MTR New Extensions  
Ir C L LEUNG, Chief E&M Engineer, MTR Corporation Limited

## General Information

<table>
<thead>
<tr>
<th>Date &amp; Time</th>
<th>20-21 January 2014 (Monday &amp; Tuesday); 09:00 - 17:30</th>
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<tbody>
<tr>
<td>Venue</td>
<td>Charles K. Kao Auditorium, l/F, Lakeside 2, Phase II, Hong Kong Science Park, Shatin, New Territories, Hong Kong</td>
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<tr>
<td>Language</td>
<td>English / Putonghua</td>
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</tbody>
</table>
| Registration Fee | HK$900 per person which covers:  
- 2-day Symposium  
- Symposium material  
- Tea breaks & lunches |
| Registration & Payment | Please register through the on-line system at the link [http://goo.gl/lX7PgU](http://goo.gl/lX7PgU). An acknowledgement together with payment instructions will be issued upon registration. Enrolment will be confirmed only after receipt of payment. |
| Registration Deadline | 11 January 2014 |
| Attendance Certificate | Attendance certificate will be issued upon request. |
| Symposium Secretariat | For further information, please contact the Symposium Secretariat,  
Ms April Li | Tel: (852) 2967 8855; Email: aprilagc@gmail.com |
| Ms Mandy LEUNG | Tel: (852) 2882 2229; Email: mandy@horizondobson.com |

Note: All details are subject to change without further notice.