

# The Programme

## Day 1 (Monday, 24 January 2011)

### Welcome Address

- Ir Stephen CHAN Hung-cheung, JP, Director of Electrical and Mechanical Services, HKSAR Government

### Opening Address

- Dr Kitty POON Kit, JP, Under Secretary for the Environment, HKSAR Government

### Keynote Session

#### Enabling Energy Codes to Have Impact

- Mr Rob MANNING, President, The Chartered Institution of Building Services Engineers

#### Power System Safety and Regulatory Strategy

- Mr YANG Kun, Director General, Power Safety Regulation Bureau, State Electricity Regulatory Commission of China

#### Managing the Human Contribution to Risk at Major Hazard Installations

- Mr Nick DICKETY, HM Specialist Inspector (Human Factors) of Gas & Pipelines Unit and Hazardous Installations Directorate of Health & Safety Executive, Great Britain

#### Regulatory Relations, Culture and Safety

- Mr Rob BURROWS, Director Rail Safety, Office of Rail Safety, Department of Transport, Western Australia

## Day 2 (Tuesday, 25 January 2011)

### Parallel Session

#### Mechanical and Railways Safety

**Session Chairman:** Ir Otto L T POON, BBS, OBE, President, Federation of E&MCA / Past President, The Hong Kong Institution of Engineers

#### Session Keynote: How Sustainable is the 21st Century Mass Transit Railway?

- Mr T C CHEW, Projects Director, MTR Corporation Limited

#### Ride Design Verification

- Mr Stefan KASPER, Head of the Department, Amusement Parks, Rides & Structures, TÜV SÜD Industrie Service GmbH, Munich, Germany

#### "Skytrak" – Low Carbon Vertical Transportation Systems for the 21st Century

- Mr Adrian GODWIN, Chairman, Lerch Bates Ltd.

#### Chinese High Speed Railway Train Control System

- Prof C L WANG, Southwest Jiaotong University, People Republic of China

#### Ocean Express – Regulatory Control, Operation and Maintenance Experience

- Ir William SHUM, Senior Electrical and Mechanical Engineer, Electrical and Mechanical Services Department, HKSAR Government
- Ir George TSO, Executive Director, Engineering, Engineering Division, Ocean Park Corporation

#### Electrical Safety

**Session Chairman:** Ir LEUNG Chi-ming, Joseph, Chairman, Electrical Safety Advisory Committee, HKSAR Government

#### Session Keynote: CLP's First Off-Grid Commercial Renewable Energy Supply Project for Dawn Island

- Ir Paul POON, Chief Operating Officer, CLP Power Hong Kong Limited

#### Session Keynote: Development of Renewable Energy Projects in Hong Kong - Hongkong Electric's Experience

- Mr Frank F H LAU, General Manager (Projects), The Hongkong Electric Co., Ltd.

#### Quality Improvement for Chinese Electrical and Mechanical Products and the Consumer Protection

- Prof WANG Chao, Chief Specialist of Chinese Academy of Inspection and Quarantine, and Director of Institute of Industrial and Consumer Product, People Republic of China



### **The Australian Experience: Works of an Australian Electrical Supply Entity**

- Mr Peter LAMONT, Executive Director of Electrical Safety Office, Chair of Electrical Regulatory Authorities Council of Australia and New Zealand, and Chair of APEC Electrical Equipment Joint Regulatory Advisory Committee

### **Promoting Electrical Safety in the Transmission and Distribution of Electricity in Singapore**

- Er Joseph MICHAEL, Senior Principal Engineer (Electricity Regulation), Energy Industry Regulation Department, Energy Market Authority, Singapore

### **Triple Play - Market Surveillance, Consumers and Manufacturers Working Together for Better Electrical Safety**

- Ir Jan DECONINCK, Chairman of Prosafe (Product Safety Enforcement Forum of Europe), and Head of Regional Unit "Quality and Safety – North", Belgian Ministry for Economic Affairs

## **Lunch Session**

### **Welcoming Remarks**

- Ir Frank CHAN Fan, JP, Deputy Director/Regulatory Services, Electrical and Mechanical Services Department, HKSAR Government

### **Lunch Speech: Transitioning to a Low-carbon Economy**

- Ir Prof Reuben CHU, President, The Hong Kong Institution of Engineers

## **Parallel Session**

### **Energy Efficiency**

**Session Chairman:** Ir Edmund K H LEUNG, SBS, OBE, JP, Chairman, Energy Advisory Committee / Past President, The Hong Kong Institution of Engineers

### **Session Keynote: Transforming the Heat Pump Market with Energy Efficiency Standards**

- Mr Terry COLLINS, Manager Products, Energy Efficiency and Conservation Authority, New Zealand

### **Electric Vehicle Charging Systems and Energy Storage**

- Ir Prof Eric CHENG, Department of Electrical Engineering, The Hong Kong Polytechnic University

### **Decomposing Residential Energy Use in Hong Kong**

- Dr William CHUNG, Associate Professor, Director of Energy & Environmental Policy Research Unit, Department of Management Sciences, City University of Hong Kong
- Ir MS KAM, Senior Engineer, Energy Efficiency Office, Electrical and Mechanical Services Department, HKSAR Government
- Ir Raymond FONG, Principal Consultant, Environmental Management, Hong Kong Productivity Council

### **The Development of LED Standards and Measurement**

- Prof Tongsheng MOU, Zhejiang University, People Republic of China

### **The APEC Energy Demand and Supply Outlook to 2030 and its Implications for Energy Security and Sustainability**

- Dr Ralph D SAMUELSON, Vice-President, Asia Pacific Energy Research Centre (APERC)

### **Building Energy Code – The Way Towards Low Carbon Building**

- Ir Ken YEUNG, Senior Building Services Engineer, Electrical and Mechanical Services Department, HKSAR Government

## **Gas Safety**

**Session Chairman:** Ir James KWAN, JP, Past President, The Hong Kong Institution of Engineers

### **Session Keynote: The Green Journey of Towngas Asset Management**

- Ir SHAM Man-Fai, General Manager - Production, The Hong Kong and China Gas Company Limited

### **Making the Best Use out of Gas Inspectors**

- Mr Ignazio CANNIZZO, Manager, Complex Gas Appliance Safety, Gas Installation and Appliance Safety, Energy Safe Victoria, Australia

### **Safety Knows No Borders: Submarine Gas Pipeline from PRC to BPPS**

- Mr John CULLEN, Project Director, LNG and Pipeline Systems Project, CLP Power Hong Kong Limited
- Mr ZHAO Yumin, Deputy General Manager and Safety Director, PetroChina Kunlun Natural Gas Utilization Co

### **LPG Cavern Storage Principle, Monitoring and Maintenance**

- Mr CAI Wei, Senior Engineer, Ningbo Platinum LPG Co., Ltd.

### **HKSAR Government's Risk-based Approach on Regulating LPG Installations in Hong Kong**

- Ir Solomon WONG, Senior Engineer, Gas Standards Office, Electrical and Mechanical Services Department, HKSAR Government