

The 1st Greater Pearl River Delta Conference  
on  
Building Operation and Maintenance :  
**Sustainable and Value-for-Money  
Built Facilities**

第一届大珠三角屋宇运行及维修会议：  
**可持续及物有所值的建筑设备**

22<sup>nd</sup> October 2010, Friday  
Chiang Chen Studio Theatre,  
The Hong Kong Polytechnic University

Organizer

**Building Services Operation and Maintenance Executives Society**  
屋宇設備運行及維修行政人員學會



Co-organizers

Thermal Energy and Power Engineering,  
School of Mechanical and  
Automotive Engineering  
机械与汽车工程学院 热能与动力工程专业

Industrial and Civil HVAC Energy  
Conservation Research Center  
工业与民用空调节能研究中心

South China University  
of Technology  
华南理工大学



Associação dos Engenheiros  
Electrotécnicos e Mecânicos  
de Macau (AEEMM)  
澳门机电工程师学会



Department of Building Services  
Engineering, The Hong Kong  
Polytechnic University  
香港理工大学 屋宇设备工程学系

## Theme of Conference

Contemporary built facilities, including buildings and their services systems, require a very high standard of design, installation, operation and maintenance in order to achieve their intended functions. The increasing importance of energy conservation, tightening governance on safety and health, and rising demands for quality yet economical operations are critical to the sustainability of these facilities.

Since 1998, the economic integration of the Greater Pearl River Delta (GPRD) Region, which comprises the Guangdong Province, Hong Kong and Macau, has boosted up the economic and social intercourses and hence the investments on buildings and real estates. The implementation of the Closer Economic Partnership Agreement since 2003 and the promulgation of the State's directives in 2008 on the reform of Guangdong economies have further intensified the need for developing built facilities which are not only value-for-money but also sustainable in the long run.

In view of this need, the Building Services Operation and Maintenance Executives Society (BSOMES), with the supports from three other co-organisers in the GPRD Region and 26 supporting organisations in Hong Kong, has organised the present Conference, which is the first of its kind focusing on building operation and maintenance. With its main theme being "Sustainable and Value-for-Money Built Facilities", the Conference embraces the following sub-themes:

- ◆ Reliable Installations & Safety Systems
- ◆ Services Operation & Maintenance
- ◆ Energy Management & Facilities Economics
- ◆ Regulatory Controls & Revitalization of Facilities

## Who should attend?

Academics  
Contractors  
Engineers  
Engineering Consultants

Facility Managers  
Government Officials  
Housing Managers  
Maintenance Managers

O&M Practitioners  
Plant Operators  
Property Developers / Owners  
Property Managers

Safety Managers  
Scientists / Researchers  
Technical Managers  
University Students

## Organising Committee Members

Ir Dr. Joseph Lai (Chair), *The Hong Kong Polytechnic University*  
Mr. Cary Kwan (Secretary), *Vice President of BSOMES*  
Ir K.F. Yee, *President of BSOMES*  
Ir Michael Yeung, *Electrical & Mechanical Services Department, HKSAR*  
Ir C.F. Wong, *Hong Kong Building Commissioning Centre*  
Ir Jonathan Lee, *Activity Committee Chairman of BSOMES*  
Ms. Persia Lai, *The Hong Kong Polytechnic University*

## Technical Committee Members

Ir Prof. Francis Yik (Chair), *The Hong Kong Polytechnic University*  
Ir Dr. Joseph Lai, *The Hong Kong Polytechnic University*  
Ir Dr. Encon Hui, *Past President of BSOMES*  
Ir Dr. Peter Tse, *Executive Committee Member of BSOMES*  
Ir C.F. Wong, *Hong Kong Building Commissioning Centre*  
Mr. John Ng, *Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau*  
Mr. Albert Chuck, *Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau*



22nd October 2010, Friday

Morning Session	
8:30 - 9:00	Registration & Coffee Reception
9:00 - 9:05	<i>Welcome Address:</i> Ir Dr. Joseph H.K. Lai Chairman, Conference Organizing Committee
9:05 - 9:15	<i>Keynote Speech:</i> Ir Stephen H.C. Chan, JP Director of Electrical and Mechanical Services, HKSAR
9:15 - 9:30	<i>Distinguished Guest Speech 1:</i> Prof. W.K. Chow, Head of Department of Building Services Engineering, The Hong Kong Polytechnic University
Session A - Reliable Installations & Safety Systems	
9:30 - 10:30	3 papers embracing the following potential topics: Asset Replacement & Management; Reliability Analysis; Smart Owner; Sustainability Reporting; Unwanted Fire Alarms.
10:30 - 10:45	Question & Answer
10:45 - 11:10 Coffee Break	
11:00 - 11:25	<i>Distinguished Guest Speech 2:</i> Dr. J.W. Yan, Head of Industrial and Civil HVAC Energy Conservation Research Center, South China University of Technology, China 城市级能源监管和空调节能集中控制体系
Session B - Services Operation & Maintenance	
11:25 - 12:25	3 Papers embracing the following potential topics: Clients' Needs; Computerised Maintenance Management System; Control, Automation & Instrumentation; Intelligent Building; O&M Documentation; Performance Indicators; Shelter & Comfort; Strategic Approach.
12:25 - 12:40	Question & Answer
12:40 - 14:00	Lunch Session
Afternoon Session	
Session C - Energy Management & Facilities Economics	
14:00 - 15:00	3 papers embracing the following potential topics: Energy Efficiency; Energy Saving; HVAC Plant Efficiency; Outsourcing; Performance Improvement; Sustainable Built Facilities; Users' Requirements.
15:00 - 15:15	Question & Answer
15:15 - 15:40 Coffee Break	
15:40 - 15:55	<i>Distinguished Guest Speech 3:</i> Mr. Raymond Koh, The Macao Institution of Electrical and Mechanical Engineers Strategic Building Services Operations and Management for Sustainability and enhance the built facility in an integrated resort in Macau
Session D - Regulatory Controls & Revitalization of Facilities	
15:55 - 16:35	2 papers embracing the following potential topics: Energy Efficiency Standards; Forensic Accountancy; From Grey to Green; Retro-Commissioning.
16:35 - 16:50	Question & Answer
16:50 - 17:00	<i>Closing Address &amp; Presentation of Souvenirs</i> Ir K.F. Yee, President of BSOMES, Hong Kong
17:00 End	

\*Note: The above programme, including the speakers and papers to be presented, is subject to change. A finalized programme will be announced in due course.

## For Enquiries

Please contact the Conference Secretariat:

Ms. Persia Lai

Tel: 2766 5851

Email: [bepersia@polyu.edu.hk](mailto:bepersia@polyu.edu.hk)

## Supporting Organizations (SOs)



## Registration Form

(Mr / Mrs / Ms / Prof / Dr / Ir) Surname: \_\_\_\_\_ Given Name: \_\_\_\_\_

Company: \_\_\_\_\_ Position: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

BSOMES / Co-organizers / SO Membership No. (if applicable): \_\_\_\_\_

## Registration Fee

### Non-member:

- ☐ Standard fee: HK\$800  
☐ Early Bird fee: HK\$700 (Registration before 22 August 2010)

### Members of BSOMES, Co-organisers and all SOs:

- ☐ Standard fee: HK\$650  
☐ Early Bird fee: HK\$600 (Registration before 22 August 2010)

This is a 6-hour CPD event. Please tick here ☐ if you require a CPD Certificate.

Registration fee covers a set of conference proceedings (booklet + CD), two coffee breaks and a lunch at the PolyU Staff Club Restaurant.

Please tick the appropriate box to indicate your lunch option: ☐ Set A - Beef, ☐ Set B - Fish, ☐ Set C - Vegetarian

## Payment Method

Please complete the registration form and return it together with a crossed cheque payable to "Building Services Operation and Maintenance Executives Society Hong Kong Limited" (FULL NAME IS REQUIRED) to :

**BSOMES Conference 2010**

**PO Box 95872, Tsim Sha Tsui Post Office, Hong Kong**

You may also fill in the registration form on-line from the website:

[http://www.bse.polyu.edu.hk/Link/BSOMES\\_Conference.html](http://www.bse.polyu.edu.hk/Link/BSOMES_Conference.html)

**Online Registration**

### Remarks:

- Conference Language is English and Putonghua.
- The organizer reserves the right to cancel or reschedule the conference at its discretion.
- Successful registrants will be notified by e-mails. No refund of registration fees will be made upon successful registrations.
- In the event that Typhoon No. 8 or above or Black Rainstorm Warning is in effect 4 hours before the conference, the conference will be postponed and the Organizer will inform the participants of the new arrangement subsequently.