

# The 4<sup>th</sup> Greater Pearl River Delta Conference on **Building Operation and Maintenance**

12<sup>th</sup> December 2013 @ Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

## Sustainable Operation and Maintenance for Green Buildings

### CONFERENCE THEMES

This annual Conference intended to promote best practices of building services operation and maintenance to the society of Hong Kong and the counterparts in the Greater Pearl River Delta (GPRD) region. The conference embraced the following sub-themes:

- Data management and analysis for performance evaluation
- Innovative and sustainable operations – case studies
- Risk and resources management
- Legal control and compliance

### WHO SHOULD ATTEND

Property developers, building operation and maintenance executives, facility management professionals, green building professionals, engineers, designers, researchers, and academics involved in the mechanical, electrical and building services disciplines of the building sector.

For details, please visit “Upcoming Events” under the “News and Events” button in our website at <http://www.bsomes.org.hk>



#### Organizer:

Building Services Operation and Maintenance Executives Society (BSOMES)

#### Co-organizer:

Department of Building Services Engineering, The Hong Kong Polytechnic University

香港理工大学 屋宇设备工程系

Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau (AEEMM)

澳门机电工程师学会

South China University of Technology 华南理工大学



# The 4<sup>th</sup> Greater Pearl River Delta Conference on **Building Operation and Maintenance**

12<sup>th</sup> December 2013 @ Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

## Sustainable Operation and Maintenance for Green Buildings

### PROGRAMME

#### Morning Session

9:00 – 9:05  
Welcome Address  
Dr. Paul S.K. Sat  
Chairman, Conference Organizing Committee, BSOMES

9:05 – 9:25  
Keynote Speech  
Mr. K.S. Wong, JP  
Secretary for the Environment, Environment Bureau, HKSAR

9:25 – 9:45  
Distinguished Guest Speech  
武涌司长  
中国住房和城乡建设部 - 建筑节能与科技司

#### Session A – Data management and analysis for performance evaluation (Chair: Dr. Francis Yik)

9:45 – 10:45  
**Innovative and Sustainable Operations of Tier IV Green Data Centre**  
Michael Waye, Anthony Kwok, Eric Sin  
**Innovative Electromagnetic Induction Water Treatment Technology**  
Kalsen Leung, Norris Leung  
**Intelligent Green Buildings Usher in Operational Advantage**  
G.O. Jeffers

10:45 – 11:00  
Question & Answer

11:00 – 11:20  
Coffee Break

#### Session B – Innovative and sustainable operations – case studies (Chair: Dr. Paul Sat)

11:20 – 12:20  
**Energy Efficiency for Existing Buildings - Case Studies**  
R.D. Yordanov  
**Air Conditioning System Energy Efficient Automatic Control Case Studies**  
Victor Leung  
广州市某酒店空调系统运行检测及测试分析  
周煜, 闫军威

12:20 – 12:35  
Question & Answer

12:35 – 13:55  
Lunch Session

#### Afternoon Session

14:00 – 14:10  
Distinguished Guest Speech  
Mr. Gary Chu,  
Chairman of the Energy Management committee of AEEMM

#### Session C – Risk and resources management (Chair: Dr. C.S. Wong)

14:10 – 15:10  
**Business Process Re-engineering Innovation Management in Sustainable Operation and Maintenance for Green Building and Environmental Product Manufacturing**  
C.K. Lai, Prosper Bernard, Michel Plaisent, James Chiang  
**A Survey for Identifying the Key Performance Indicators of Engineering Facilities in Commercial Buildings in Hong Kong**  
C.S. Man, Joseph Lai  
广州某商场中央空调系统节能改造  
冯家亮, 闫军威

15:10 – 15:25  
Question & answer



# The 4<sup>th</sup> Greater Pearl River Delta Conference on **Building Operation and Maintenance**

12<sup>th</sup> December 2013 @ Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

## Sustainable Operation and Maintenance for Green Buildings

15:25 – 15:45		Coffee Break
Session D – Legal control and compliance (Chair: Dr. Joseph Lai)		
15:45 – 16:45	<p><b>Enhancing Building Energy Efficiency – A Concerted Effort of the Trade and the Government</b> C.H. Yip, W.Y. Ho</p> <p><b>Proper Operational Technique Brings Sustainable Green Buildings</b> Bonnie Lam</p> <p><b>Management of Water Supply in Healthcare Facilities</b> Encon Hui</p>	
16:45 – 17:00	Question & Answer	
17:00 – 17:05	Closing Address Ir Sr Jonathan M.K. Lee President of BSOMES, Hong Kong	
Notes: Speakers and papers to be presented are subject to changes as determined by the organizer		

### FEES (per person)

1. CPD certificate will be collected by each individual after completion of the 1-day conference. The general CPD hours is 6 for HKIE / BEAM-Pro recognition. Collection on behalf of others will not be allowed

2. Conference would be conducted in English and Putonghua

	STANDARD (after 12 <sup>th</sup> Nov 2013)
Member of BSOMES or Supporting Organization*	HK\$800
Non-member*	HK\$1,000
Full-time Student**	HK\$150

\*Member of BSOMES or Supporting Organization or non-member fee includes proceedings, CDs, coffee breaks and lunch  
\*\*Full-time student fee includes proceedings, CDs and coffee breaks

### REGISTRATION & ENQUIRY

Please register via [online registration](#)

And send a crossed cheque payable to "**BSOMES**" to Room 701, 7/F, Tower A, Hunghom Commercial Centre, 37-39 Ma Tau Wai Road, Hunghom, Kowloon, Attn: Ms Carrie Shiu

At the back of the cheque, please kindly state "**4GPRD1213**", name of your organization, contact person, contact phone no. and email address.

No Refund may be made but substitute delegate is allowed

Receipt will be issued to the contact person by email

Enquiry email: alexyuen999@yahoo.com.hk

### Supporting organizations:

American Society of Heating, Refrigeration and Air-conditioning Engineers, Inc. Hong Kong Chapter  
Asian Institute of Intelligent Buildings  
BEAM Society Limited  
Buildings Department, HKSAR  
Chartered Institute of Housing Asian Pacific Branch  
Department of Systems Engineering and Engineering Management, City University of Hong Kong  
Electrical and Mechanical Services Department, HKSAR  
Energy Institute Hong Kong  
Greater China Institute of Property Management  
Hong Kong Association of Energy Engineers  
Hong Kong Green Building Council  
Hong Kong Institute of Real Estate Administrators  
Institution of Mechanical Engineers Hong Kong Branch  
International Facility Management Association Hong Kong Chapter  
Royal Institution of Chartered Surveyors – HK Board  
Smart Engineering Asset Management Laboratory, City University of Hong Kong  
The Chartered Institute of Building (Hong Kong)

The Chartered Institution of Building Services Engineers Hong Kong Branch  
The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch  
The Hong Kong Air Conditioning and Refrigeration Association Limited  
The Hong Kong Association of Property Management Companies  
The Hong Kong Federation of Electrical and Mechanical Contractors Limited  
The Hong Kong Institution of Engineers – Building Services Division  
The Hong Kong Institution of Engineers – Control, Automation and Instrumentation Division  
The Hong Kong Institution of Engineers – Environmental Division  
The Hong Kong Institution of Engineers – Associate Member Committee  
The Hong Kong Institute of Architects  
The Hong Kong Institute of Facility Management  
The Hong Kong Institute of Housing  
The Hong Kong Institute of Landscape Architects  
The Hong Kong Institute of Surveyors  
The Institute of Fire Engineers (Hong Kong Branch)  
The Society of Operations Engineers Hong Kong Region

# The 4<sup>th</sup> Greater Pearl River Delta Conference on **Building Operation and Maintenance**

12<sup>th</sup> December 2013 @ Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

## Sustainable Operation and Maintenance for Green Buildings

### REGISTRATION FORM

Name: \*Mr/Ms/Mrs/Ir/Dr/Prof \_\_\_\_\_ (Eng.) \_\_\_\_\_ (Chin.)

Member of: \_\_\_\_\_ Membership No. \_\_\_\_\_

Organization/Company: \_\_\_\_\_

Position/Job Title: \_\_\_\_\_

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

Tel (Office): \_\_\_\_\_ (Mobile): \_\_\_\_\_

(\* Please delete as appropriate)

	Registration Free	Registration (please "☑" as appropriate)
Standard (after 12th Nov 2013)	Member of BSOMES or Supporting Organization: \$800 Non-member: \$1000 Full-time student: \$150	

I enclose a crossed cheque of HK\$ \_\_\_\_\_ payable to "BSOMES"

(Bank \_\_\_\_\_ / Cheque No. \_\_\_\_\_)

Notes: If typhoon signal no.8 or above or the black rainstorm warning signal will be hoisted 4 hours before the event starts, it will be cancelled or postponed. Participants will be informed of the cancellation or the rescheduled date of the Conference in due course. The BSOMES reserves its right to change or cancel the venues, date/times, speakers of the Conference.

I agree to all the terms and conditions as contained in this registration form.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Remark: Each attendee has to complete an individual registration form and email it to alexyuen999@yahoo.com.hk or fax it to 25805393, followed by posting the completed form together with a crossed cheque of the necessary registration fee (made payable to "BSOMES") to Room 701, 7/F, Tower A, Hunghom Commercial Centre, 37-39 Ma Tau Wai Road, Hunghom, Kowloon, Attn: Ms Carrie Shiu.

Personal data provided as part of an application for registration will, during the process, be used solely for that purpose, and in this connection that data will be handled by BSOMES. Application data of unsuccessful applicants will be destroyed after the process has been completed. Data of successful applicants will become part of the record file and the data will thereafter be handled by BSOMES.

Under the provisions of the Personal Data (Privacy) Ordinance, applicants have rights to request access to, and the correction of their personal data. Applicants wishing to access or make corrections to their personal data should submit written requests to BSOMES.