

SOE Symposium 2010 SUSTAINABLE PLANT ENGINEERING FOR ACHIEVING GREEN AND ENVIRONMENTAL FRIENDLINESS FACILITIES IN ASIA

DATE: 10TH JULY 2010 (SATURDAY)

TIME: 8:45AM - 6:15PM

VENUE: THEATER TU201

HONG KONG POLYTECHNIC UNIVERSITY,
 HONG KONG SPECIAL ADMINISTRATIVE REGION,
 CHINA

Organizer:
 The Society of Operations Engineers

Event Management:
 The Society of Operations Engineers
 (Hong Kong Region)



Enrolment Form:

Please complete the enrolment below and send it with a cheque. I am
 a SOE / Co-organizers (Please specify _____) / Supporting
 Organization (Please specify _____) /
 Members (membership No: _____)

Title: Prof./ Dr./ Ir/ Mr./ Mrs./ Ms./ Miss/ Others (_____)

Surname: _____ Given Name: _____

Position: _____

Organization: _____

Correspondence Address: _____

Tel (office): _____ Mobile: _____

Email: _____

Registration Fee

Admission Class (*)	Fee (**)	No. of Participant	Total (HK\$)
SOE Member	HK\$600 (HK\$500)	_____	_____
Member of Co-organizer/ Supporting Organization	HK\$600 (HK\$500)	_____	_____
Non-members	HK\$800 (HK\$700)	_____	_____
Student Members (#)	Free (Seats will be limited and first come first serve)	_____	_____

Remarks: (*) Lunch excluded Total (HK\$) _____

(**) Early Bird Registration (Before 15 June 2010)

(#) Full time students except courses accredited by SOE.
 Student card copy may be required.

To submit your Registration:

Simply complete the above form and fax to (852) 31880177 or email to
 connie@soe.org.hk. Please settle in full payment within 14 days from
 registration by mail to: The Society of Operations Engineers (Hong Kong
 Region), Unit 02, 3rd Floor, Winsum Industrial Building, 588-592 Castle
 Peak Road, Cheung Sha Wan, Kowloon, Hong Kong

Payment Method:

The SOEHK will only accept cheque payment. Kindly make your cheque
 payable to "SOEHK". A confirmation notice will be sent to you upon
 receipt of your full payment.

Cancellations:

Cancellation and full refund of the registration can be made on or before
 30 June 2010. Kindly note that there will be no refund for cancellation
 after this date. However, should you be not able to attend, we welcome a
 representative to attend on your behalf.

Continuous Professional Development:

Attendance for the symposium will entitle with a total 7 CPD hours granted
 by SOEHK.

Language: English

Theme: The concept of sustainable plant engineering requires a change of
 mindset to bring about full integration of the needs for economic and social
 development with that to conserve the environment. It also requires the
 engineering and facilities management professionals to work hand in hand in
 order to reduce the generation of pollution at the source and minimize the risk
 to human health and the environment.

All of us need to start working in partnership to achieve sustainable plant
 engineering to find ways to optimize energy consumption for our plants and
 machineries while reducing overall pollution and waste. We also need to meet
 our own needs and aspiration without doing damage to the prospects of future
 generations and reduce the environmental burden we put on our neighbours
 and helping to preserve common resources.

The objectives of the Symposium are to enlighten engineering and
 facilities management professional's awareness of green plant engineering
 management through continuous improvement, innovation and application
 of new technology to reduce green house gas to contribute environmental
 protection and climate change.

Moreover, the development of new technologies, the use of advanced materials
 and construction solutions leading to quality improvement in the environmental
 and cultural sagacity represents an enormous potential for sustainable society
 development.

SOE Symposium 2010 will bring together a wide range of stake holders to
 focus on the issue of sustainable plant engineering for achieving green
 and environmental friendliness facilities in Asia. This symposium will also
 bring together industry experts to share their knowledge and insights on
 high performance, innovation and low impact approaches to maintaining,
 developing and retrofitting the building environment for sustainability.

Who Should Attend: Attendees, expected to be those working at the
 management levels of organizations in public and the private sectors, will
 include government officials, consultants, engineers, contractors, facility/
 property managers, technical managers and the like who are responsible for
 design, construction, testing and commissioning, operation, maintenance and
 management of plants and built facilities.

Co-organizers: (in alphabetical order)

- Asian Institute of Intelligent Buildings
- Chinese Mechanical Engineering Society (HK, Macau & Taiwan Liaison Office)
- International Facility Management Association (Hong Kong Chapter)
- The Macao Institute of Engineers
- The Macao Institution of Electrical and Mechanical Engineers

Supporting Organizations: (in alphabetical order)

- Alumni Association of Building Services Engineering of The H K Polytechnic University
- American Society of Heating, Refrigerating and Air-Conditioning Engineers, H K Chapter
- Building Services Division, the Hong Kong Institution of Engineers
- Building Services Operation and Maintenance Executive Society
- Chartered Institution of Building Services Engineers (Hong Kong Branch)
- Chartered Institute of Housing (Asian Pacific Branch)
- Chartered Institution of Water and Environmental Management Hong Kong
- Construction Professionals' Development Centre
- Control, Automation & Instrumentation Division, the Hong Kong Institution of Engineers
- Energy Institute, Hong Kong Branch
- Hong Kong Association of Energy Engineers
- Hong Kong Association of Risk Management and Safety
- Hong Kong College of Technology
- Integrated Graduate Development Scheme Alumni
- Young Members Committee, the Hong Kong Institution of Engineers

engineering success together

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Program:

08:45-09:00	Registration	14:05-14:15	Keynote Speech Prof Edmund Chuk Life Hon President The Society of Operations Engineers (Hong Kong Region)
09:00-09:10	Welcome Remarks Ir S L Li Chairman, Organizing Committee		
09:10-09:15	Opening Address Mr. Chris Grime President Society of Operations Engineers, UK	14:15-14:45	Section Chair Dr. John Leung
09:15-09:25	Keynote Speech Ir Dr. the Hon Raymond HO Chung-tai, SBS, S.B.St.J., JP Member of the Legislative Council (Engineering Functional Constituency) Hong Kong Special Administrative Region	14:45-15:10	Production Equipment Remanufacturing, a Key Way to Improve the Efficiency of Energy & Ecology Efficiency for Chinese Manufacturing Dr. Huajun Cao Associated Professor Department of Mechanical Engineering Chongqing university(CQU), China
09:25-09:35	Keynote Speech Ir Dr. the Hon Samson Tam Wai Ho, JP Member of the Legislative Council (Information Technology Constituency) Hong Kong Special Administrative Region	15:10-15:35	Migration toward Low Carbon World Ir Tony Ho Senior Manager, Energy and Carbon Services SGS Hong Kong Ltd.
09:35-09:40	Presentation of Souvenir	15:35-16:00	Energy Management and Efficiency – KNX Applications in Macau Dr. Thomas Cheang Deputy Council President Macao Institution of Electrical and Mechanical Engineers
Session Chair	Ir Dr. Albert So	16:00-16:15	One Possible Solution on Net Zero Energy Office Buildings Ir Dr. Albert So CEng, FSOE, FIPlantE, Director, Asian Institute of Built Environment
09:40-10:05	Investigation on Ground Coupled Heat Pumps for Space Heating and Air-conditioning in Buildings Professor Yang Hongxing Renewable Energy Research Group (RERG) Department of Building Services Engineering The Hong Kong Polytechnic University	16:15-16:40	Networking Coffee Break Session Chair: Dr. Thomas Cheang
10:05-10:30	Tunnel Boring Machines - Green Plant Engineering Underground Professor Andrew Leung President Asian Institute of Intelligent Buildings	16:40-17:05	Lamma Power Station – A Green Site Ir Dr. Louis Lock Chairman Control, Automation and Instrumentation Division Hong Kong Institution of Engineers
10:30-10:45	Networking Coffee Break	17:05-17:30	An Introduction to Retro-commissioning Mr. Louis Lim Director, Singapore Solutions Project Management (Asia), Building Efficiency Johnson Controls (S) Pte Ltd
10:45-11:10	Effective Energy Efficiency Technologies Mr. LO Kam-cheung, Senior Engineer, Energy Efficiency Office Electrical and Mechanical Services Department, HKSAR	17:30-17:55	Go Green, Become The World Tallest Green Building Mr. Jeff Sheu Manager Engineering and Maintenance Department, Taipei 101 Building
11:10-11:35	A Case Study of Energy Audit for Central Chiller Plant Ir Jeffrey Yung Chairman The Society of Operations Engineers (Hong Kong Region)	17:55-18:05	Greening Existing Buildings Ir Dr. John Burnett Technical Director Facilities Analysis and Control Ltd + LEEDership Limited
11:35-12:00	Low Carbon Air-conditioning System – District Cooling Ir Colin Chung Director Parsons Brinckerhoff (Asia) Ltd.	18:05-18:10	Discussion, Questions and Answer
12:00-12:30	Energy Benchmarking for Buildings and Plant Engineering Dr. Sam C M Hui Department of Mechanical Engineering, The University of Hong Kong		Closing Remarks Mr. Garry Gilby Chairman of the IPlantE PS Council / President Elect. The Society of Operations Engineers
12:30-12:40	Discussion, Questions and Answer		
12:40-14:05	Lunch break		

Organizing Committee:

Advisory Board: (in alphabetical order)

- Prof Edmund Chuk
 - Mr. Chris Grime
 - **Ir Dr the Hon Raymond Ho**
 - Mr. Vincent Long
 - Prof Andrew Leung
 - Mr. Scott Ma
 - Mr. Rob Moulton
 - **Ir Dr the Hon Samson Tam**
 - Mr. Graham Tier
 - Ir Jeffrey Yung
-
- Chairman: Ir S L Li
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 - Hon Secretary: Mr. Ronald Kwong
 - Hon Treasurer: Ms. Doris Cheung
 - Hon Art Work Director: Ir K C Lau
 - Session Chair: Dr. Thomas Cheang / Dr. John Leung Ir Dr. Albert So

OC Members:

- | | | | |
|------------------|-------------------|-------------------|----------------|
| Mr. Edward Cheng | Mr. Jerry Chow | Mr. Albert Chun | Mr. C S Ho |
| Mr. Simon Hung | Mr. Raymond Kuong | Ir Simon Kwok | Mr. Simon Lee |
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