

SOEHK Symposium 2013

Evolution of Operations Engineering

Challenges and Sustainable Developments

營運工程的演變:挑戰及持續發展

Date: Saturday, 22 June 2013

Time: 08:45 to 18:00

Venue: Theatre N002, The Hong

Kong Polytechnic University

SOEHK Symposium 2013

Operations Engineering is highly quantitative, interdisciplinary, and results-focused.

營運工程是高度量化、跨學科及以結果為導向的課題。

INTRODUCTION

Operations Engineering has involved managing, planning, and governing the process of production. It also involves redesigning business operations such as the production of goods and delivering of services to ensure related operations are efficient and effective given the circumstances that minimum resources are needed and meeting customer requirements respectively.

The process of redesigning business operations may touch on changing materials, man power, and energy into goods or services tactically, for examples:

- Allocating resources to balance challenging goals of cost, green initiatives, and productivity optimally.
- Scheduling a production facility to react a changing business environment and global challenges rapidly.

These situations appear to be different however their solutions are measurable and have significant financial impact. Operations Engineering is becoming important recently, because better planning ahead of operations requirements in early stages of a project will save time and money during the operations stages of a new development.

The Society of Operations Engineers was formed in 2000 by the merger of the Institute of Road Transport Engineers (IRTE, was originally founded in 1944) and the Institution of Plant Engineers (IPlantE, originally founded in 1946). The Society's third professional Sector, Bureau of Engineer Surveyors (BES, originally established in 1965), was formed in 2004.

After several years of fine-tuning, members of the IRTE and IPlantE joined forces, creating an organisation entrusted with providing members with the modern society required to serve their ever-evolving industries. By the time the BES Professional Sector was formed in 2004, SOE has proven to be an extremely successful professional body.

SOEHK Symposium 2013 will convey a wide range of stake holders to focus on the issue of challenges and sustainable development for operations engineering. This symposium will also bring together industry experts, such as plant operations, transport engineering and building survey, to share their knowledge and insights on high performance, innovation and low impact approaches to maintaining, developing and retrofitting the engineering fields.

The objective of the Symposium is to enlighten operations engineers, professionals and management awareness of operations engineering through continuous improvement, innovation and application of new technology to preserve our society with sustainable growth.

Program—Morning Session

08:45-09:00	Registration – AM session
09:00-09:10	Welcome Remarks Ir Dr. John LEUNG Chairman of Organizing Committee
09:10-09:35	Opening Address Ir Dr. Hon. LO Wai-kiwok, BBS, MH, JP Member of the HKSAR Legislative Council (Engineering Functional Constituency)
09:35-09:45	Keynote Address Mr. H.S. WONG Acting Assistant Director Water Supplies Department
09:45-09:55	Presentation of Souvenirs
Morning Session - Chaired by Prof. C.K. WONG Assistant Professor, University of Macau	
09:55-10:25	Engineering towards Sustainable Development. Why? and Why Not?? Mr. W.C. YUEN Environment Bureau
10:25-10:55	CLP Experience: Hong Kong's First Commercial-scale Standalone Renewable Energy System Mr. Raymond HO CLP Power Hong Kong Ltd.
10:55-11:10	Networking Coffee Break
11:10-11:40	The Value Of Safety In Your Eyes Dr. C.M. LI The Hong Kong University of Science & Technology
11:40-12:10	Fire Engineering Approach in Building Dr. David CHAN Vocational Training Council
12:10-12:20	Discussion
12:20-12:30	Presentation of Souvenirs
12:30-13:45	Lunch Break

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Program—Afternoon Session

13:45 -14:10	Registration – PM session
14:10-14:25	Opening Address Ir Edmund K.H. LEUNG, SBS, OBE, JP Chief Officer Kowloon-Canton Railway Corporation
14:25-14:35	Keynote Address Ir Adi T.S. LAU Chief of Operating MTR Corporation Ltd.
14:35-14:40	Presentation of Souvenirs
Afternoon Session—Chaired by Ir M.K. FUNG Vice Chairman, SOEHK	
14:40-15:10	Building HKIA as the World’s Greenest Airport Ir Ricky LEUNG Airport Authority Hong Kong
15:40-16:10	A Case Sharing on Operational Challenge of the Tallest Building in Hong Kong Ir Howard YEUNG Kai Shing Management Services Ltd.
16:10-16:25	Networking Coffee Break
16:25-16:55	Sustainable Development in the Outsourcing Relationships of Facilities Management (FM) Mr. K.L. LOK Vocational Training Council
16:55-17:25	Satellite Earth Station Operation Ir Kenneth CHOW Manager, Earth Station Engineering Asia Satellite Telecommunication Co. Ltd.
17:25-17:35	Discussion
17:35-17:40	Presentation of Souvenirs
17:40-18:00	Closing Remarks Ir K.C. LAU Chairman of Society of Operations Engineers (Hong Kong Region)

ORGANIZING COMMITTEE

Honorary Advisors	Ir Dr. Hon. W.L. LO Ir Edmund LEUNG
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ORGANIZER

The Society of Operations Engineers (Hong Kong Region)

SUPPORTING ORGANIZATIONS

- Asian Institute of Intelligent Buildings
- Building Services Operation and Maintenance Executives Society
- Chinese Mechanical Engineering Society
- Drainage Services Department
- Hong Kong Association of Energy Engineers
- Hong Kong College of Technology
- IEEE Macau
- Institution of Environmentalists
- The Hong Kong Chapter of the International Facility Management Association
- The Hong Kong Federation of Electrical & Mechanical Contractors Limited
- The Hong Kong Institute of Facility Management
- The Hong Kong Institution of Engineers – Control, Automation and Instrumentation Division
- The Hong Kong Institution of Engineers – Safety Specialist Committee
- The International Association of Elevator Engineers (HK-China Branch)
- The Macao Institution of Electrical and Mechanical Engineers
- Vocational Training Council (Tsing Yi)
- Water Supplies Department

Admission Class	Session	Normal Charge	Early Bird Registration (31 May 2013)
Members of SOE and Supporting Organizations	*Half Day (AM/ PM)	<input type="checkbox"/> HK\$400	<input type="checkbox"/> HK\$350
	Whole Day	<input type="checkbox"/> HK\$700	<input type="checkbox"/> HK\$650
Non-members	*Half Day (AM/ PM)	<input type="checkbox"/> HK\$500	<input type="checkbox"/> HK\$450
	Whole Day	<input type="checkbox"/> HK\$900	<input type="checkbox"/> HK\$850
# Students	*Half Day (AM/ PM)		FREE
	Whole Day		FREE

Enrolment Form:
I am a Member of *SOE / Supporting Organization (membership No: _____) / Non-member

*Title: Prof. / Dr. / Ir / Mr. / Mrs. / Miss / Others (Please specify)
Surname: _____ Given Name: _____
Position: _____
Organization: _____
Correspondence Address: _____

Tel (office): _____ Mobile: _____
Email: _____

Remarks: Lunch not included
*Delete as appropriate

Registration:
Simply complete and send the above form to Ms. Connie Mui by fax at (852) 2617 0377 or email to connie@soe.org.hk. Please settle in full payment within 7 days after registration but not later than event day by mail to: The Society of Operations Engineers (Hong Kong Region), Unit 2, 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.

Continuous Professional Development Certificate:
Attendance for the symposium will entitle to total 6 CPD hours for whole day and total 3 CPD hours for AM/ PM session granted by SOEHK.

For full time students, the copy of full time student cards shall be sent to Ms. Connie MUI by fax at (852) 2617 0377 or email to connie@soe.org.hk for registration. first come first serve, limited seats available.

Media: Cantonese, Mandarin and English