



engineering success
soe hong kong region
營運工程師學會 香港分會



環境保護師學會
Institution of
Environmentalists



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

DEPARTMENT OF MECHANICAL ENGINEERING
機械工程學系

SOEHK ANNUAL SYMPOSIUM 2018

**ENGINEERING REVOLUTION
IN MEDICAL DEVELOPMENT
AND FUTURE CHALLENGES**

醫療 · 工程無疆界
營運邁向新里程



9th June 2018 (Saturday)
Chiang Chen Studio Theatre,
The Hong Kong Polytechnic University

Organized by
The Society of Operations Engineers (Hong Kong Region)

Co-organised by
The Institution of Environmentalists
Mechanical Engineering Department of HK PolyU

THEME

To attain and pursue growth and sustainable future for Hong Kong healthcare operations, this symposium will provide a platform for business leaders, medical specialists and engineering professionals to share and exchange their views, knowledges and experiences in deploying innovative approaches and trends, subsequent to the challenge and promulgation of new measures on diagnostic precision and treatment efficiency.

SPEAKERS

Dr. Raymond LIANG Hin Suen
Head, Department of Medicine
Hong Kong Sanatorium & Hospital

Mr. Benjamin CHAN Churk Kai
Managing Director
Topbuild Investments Limited

Mr. Richard CHAN Kwok Sui
Managing Director
Hong Kong RFID Ltd

Mr. John LO Siu Tat
Sales & Marketing Director
Cold Magic Efatar (HK) Co. Ltd.

Mr. Philip FONG Ka Keung
Regional Manager
Victaulic

GUEST OF HONOUR

Mr. Alfred SIT Wing Hang, JP
Director of Electrical & Mechanical Services
Electrical & Mechanical Services Department

Ir Dr. the Hon LO Wai Kwok, SBS, MH, JP
The Legislative Council
Hong Kong Special Administrative Region

左晓卫女士
副秘书长
中国机械工程学会

Mr. Thomas HO On-sing, JP
Chief Executive
Gammon Construction Limited

Ir Dr. Otto POON Lok-to, BBS, OBE
Founder and Group Chairman
ATAL Engineering Group

徐弢博士
国家千人计划专家
清华大学机械工程系

张斌先生
副研究员(副高)
浙江大学机械工程学院

SUPPORTING ORGANISATIONS

- Association for Engineering and Medical Volunteer Services
- Chinese Association of Automation
- Chinese Mechanical Engineering Society
- Confederation of Medical Associations in Asia and Oceania
- Engineering Forum
- Mechanical Engineering Department of Hong Kong Polytechnic University
- The Hong Kong Institution of Engineers (Environmental Division)
- The Hong Kong Institution of Engineers (Safety Specialist Committee)
- World Medical Association

SPONSORS

CLP Power Hong Kong Limited
ABB (Hong Kong) Ltd.
The Jardine Engineering Corporation, Limited
Legend Engineering Company Limited Acoustic & Vibration Control Specialist

◆ MORNING SESSION ◆

- 09:00 – 09:15 **Registration**
- 09:15 – 09:20 **Welcome Remarks**
Ir Dr. Calvin SIN
Symposium Chairman
- 09:20 – 09:35 **Opening Address by Guest of Honour**
Mr. Alfred SIT Wing Hang, JP
Director of Electrical & Mechanical Services, Electrical & Mechanical Services Department
- 09:35 – 09:50 **Keynote Address 1**
Ir Dr. Hon LO Wai-kwok, SBS, MH, JP
Member of the HKSAR Legislative Council (Functional Constituency)
- 09:50 – 10:05 **Keynote Address 2**
Mr. Chris GRIME
Past President the Society of Operations Engineers (UK)
- 10:05 – 10:35 **Presentation of Souvenirs to Guests, Speakers and Supporting Organisations**
Ir Dr. KK TONG
Chairman, Society of Operations Engineers (Hong Kong Region)
- 10:35 – 11:00 **Networking Session and Coffee Break**
- 11:00 – 11:30 **Private Ambulatory Medical Care Facilities: The Challenges in Hong Kong**
Dr. Raymond LIANG Hin Suen
Head, Department of Medicine, Hong Kong Sanatorium & Hospital
- 11:30 – 12:00 **Stainless Steel Potable Water System: A New Concept**
Mr. Benjamin CHAN Churk Kai
Managing Director, Topbuild Investments Limited
- 12:00 – 12:30 **Pipework Prefabrication Strategy on HVAC Application**
Mr. Philip FONG Ka Keung
Regional Manager, Victaulic
- 12:30 – 12:45 **Q&A** (Facilitator: Mr. Michael SE)

◆ END OF MORNING SESSION ◆

- 12:45 – 14:00 **Lunch Break**

◆ AFTERNOON SESSION ◆

- 14:00 – 14:15 **Registration**
- 14:15 – 14:30 **Opening Address by Guest of Honour**
左晓卫女士
副秘书长, 中国机械工程学会
- 14:30 – 14:45 **Keynote Address 1**
Mr. Thomas HO On-sing, JP
Chief Executive, Gammon Construction Limited
- 14:45 – 15:00 **Keynote Address 2**
Ir Dr. Otto POON Lok-to, BBS, OBE
Founder and Group Chairman, ATAL Engineering Group
- 15:00 – 15:30 **Internet of Things (IoT) in Healthcare: Benefits, Use Cases and Evolutions**
Mr. Richard CHAN Kwok Sui
Managing Director, Hong Kong RFID Ltd
- 15:30 – 15:50 **Networking Session and Tea Break**
- 15:50 – 16:20 **How to Soft 100% High Humidity Fresh Air for OT and CSSD**
Mr. John LO Siu Tat
Sales & Marketing Director, Cold Magic Efatar (HK) Co. Ltd.
- 16:20 – 16:50 **3D Bioprinting for Regenerative Medicine**
徐骏博士
国家千人计划专家, 清华大学机械工程系
- 16:50 – 17:20 **3D Bioprinting for Corneal Equivalent and Alternatives**
张斌先生
副研究员(副高), 浙江大学机械工程学院
- 17:20 – 17:30 **Q&A** (Facilitator: Mr. LEE Nga Chung)
- 17:30 – 17:45 **Presentation of Souvenirs to Speakers and Sponsors**
Prof. Cindy LUK
Honorary President, Society of Operations Engineers (Hong Kong Region)
- 17:45 – 17:55 **Closing Remarks**
Ir WK PAU
President, Society of Operations Engineers (Hong Kong Region)

ORGANISING COMMITTEE

Senior Advisor

Ir Dr. Hon LO Wai Kwok,
SBS, MH, JP

Vice Chairmen

Ir Albert CHUN
Ir Kevin CHAN
Ir Alex CHUNG
Mr. Max LIN

Honorary Secretary

Mr. Eric WONG

Honorary Treasurer

Ir SM KWOK

Advisors

Prof. Edmund CHUK
Prof. Cindy LUK
Ir Dr. Jeffrey YUNG
Ir Dr. KC LAU
Ir WK PAU
Ir Dr. KK TONG
Dr. Chris TAM
Ir Dr. John LEUNG

Q&A Facilitators

Mr. Michael SE
Mr. NC LEE

Stage Managers

Mr. Stephen MOK
Mr. Kenneth LI

Administration Managers

Ms. Anna FAN
Ms. Christy LEUNG

Commercial Managers

Mr. Simon TONG
Mr. KoKo CHOW
Mr. Dick LEE

Venue and Logistics Managers

Mr. William LEUNG
Mr. PL NG
Mr. Bill LUI

Artwork Managers

Ir Derek LAM
Ir Mike WOO

Chairman

Ir Dr. Calvin SIN

Master of Ceremony

Mr. Max LIN
Ms. Katrina LEUNG

OC Members

Ir Dr. John TSANG
Ms. Ellen MAN
Ir MK FUNG
Ir MF FOK
Ir WK LEE

Design Director

Ms. Quinto NG

REGISTRATION & ENQUIRIES

Please complete and send the below registration form to Ms. Anna FAN by fax at (852) 2617 0377 or email to event@soe.org.hk.

Please settle in full payment within 7 days after registration but not later than the event day by mail to: The Society of Operations Engineers (Hong Kong Region), 1601 Trendy Centre, 682 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong.

PAYMENT METHOD

- 1) Cheque: Kindly make your cheque payable to "SOEHK".
OR
- 2) Bank-in: Kindly transfer your payment to
Bank of China, Hong Kong account
012-875-00394167 (SOEHK),
and send your bank-in record to
event@soe.org.hk.

A confirmation notice will be sent to you upon receipt of your full payment.

CANCELLATION POLICY

Cancellation will be accepted only in writing with signature via email or fax, no later than two weeks before the function commences, and only 50% of registration fee will be refunded.

REGISTRATION FORM

SOEHK Symposium 2018

"Engineering Revolution in Medical Development and Future Challenges 醫療·工程無疆界·營運邁向新里程"

Name: *(Ir/Prof/Dr/Mr/Ms) _____ (First Name) _____ (Surname)

Members of SOEHK, IEnv OR Supporting Organisations (SO): *Yes / No.
If yes, please specify the membership & no.: _____

How did you hear about this symposium? _____

Company: _____ Position: _____

Tel: _____ Email: _____

Registration: (please "✓" as appropriate)

Registration Fee

		Members of SOEHK / SO	Non-Members
Early-Bird Registration (on or before 31st May 2018)	Full Day	\$600 ()	\$700 ()
	Half day AM()/PM()	\$350 ()	\$400 ()
Full Registration (after 31st May 2018)	Full Day	\$700 ()	\$800 ()
	Half day AM()/PM()	\$400 ()	\$500 ()

Payment: (please "✓" as appropriate)

() I enclose a crossed cheque payable to SOEHK (cheque no.: _____) for the amount of HK\$ _____. Date: _____
() I have bank-in to BOCHK account (012-875-00394167) on _____

Remarks:

- The official language of the Symposium is Cantonese/Mandarin with English supplement to the technical terms.
- The symposium is designed for 6 CPD hours for full day attendance and 3 CPD hours for half day attendance.
- Attendance certificate will be provided after the Symposium.
- The fee includes a copy of Symposium proceedings and coffee breaks. Lunch is not included.
- Free to Full Time Students subjected to seat availability (First come first serve basis).
- In the event of the Black Rainstorm Warning or the No. 8 or higher Typhoon Signal being hoisted at 7:00am or after in the morning, the symposium will be cancelled. Please contact our Administration Manager or visit SOEHK website for further notice.