

JOINT SYMPOSIUM 2017 cum PolyU ANNIVERSARY

Smart Journey towards Green Infinity

24 November 2017 (Fri), Kowloon Shangri-La Hotel

CONFERENCE THEMES

This symposium is an annual event intended to bring together international and local speakers to foster all aspects of advances in building design and building services engineering. Sub-themes of the symposium include:

- Design and Applications
- Code and Guidance
- Research and Innovations
- Post-occupancy Initiatives

WHO SHOULD ATTEND

Engineers, architects, designers, researchers, academics, property developers, professionals and practitioners involved in the wide range of disciplines associated with building design and building services engineering. Official language of the Symposium is English.

FEES (PER PERSON)

Full package *

EARLY BIRD <i>(on or before 16th Oct 2017)</i>	STANDARD <i>(after 16th Oct 2017)</i>
HK\$ 1,400 (USD 180)	HK\$ 1,500 (USD 193)

* Fee includes proceedings, coffee breaks and lunch

Full time students

EARLY BIRD <i>(on or before 16th Oct 2017)</i>	STANDARD <i>(after 16th Oct 2017)</i>
HK\$ 200 (USD 26)	HK\$ 200 (USD 26)

Student package includes proceedings and coffee breaks only

REGISTRATION

Please register online via: www.hkjs.com.hk/2017 and send the cheque payable to “The Chartered Institution of Building Services Engineers Hong Kong Limited” and send Cheque to “5/F Dorset House, Taikoo Place, 979 King’s Road, Quarry Bay, Hong Kong (Attn: Ethel Yeung – Ext 5301)”.

At the back of the cheque, please kindly state “**JS2017 Symposium Registration**”, name of your organization, contact person, email address and office/mobile phone no.

No refund may be made but substitute delegate is allowed.

Receipt will be issued to the contact person when cheque is received. Enquiry email: 2017hkjs@gmail.com.



For details, please visit our website:
www.hkjs.com.hk/2017

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PROGRAMME

09:00 - 09:05 WELCOME ADDRESS

Ir Sammy YEUNG

Chairman (Symposium Organizing Committee), HKIE BS Division

09:05 - 09:15 OPENING ADDRESS

Mr. Alfred SIT Wing-hang

JP, Director of Electrical and Mechanical Services, HKSAR Government

09:15 - 09:35 KEYNOTE SPEECH

Mr. Stephen LISK

President-Elect, CIBSE UK

SESSION 1 - DESIGN AND APPLICATIONS

CHAired BY: HKIE BS Division (Ir Calvin FU, Chairman)

09:40 - 10:05 The Needs, Methodologies and Benefits of Smart and Energy Efficient Controls for Buildings Today and in the Near Future

Ir Prof SW WANG, Dr. Kui SHAN, Dr. Rui TANG

(Department of Building Services Engineering, Hong Kong PolyU)

10:05 - 10:30 Comparative Study on Chiller Performance Using R1233zd(E) and R134a Refrigerants

Dr. Philip YU *(Environmental and Applications Engineering, Trane Pacific)*

Mr. Ronald KONG *(Trane Hong Kong)*

10:30 - 10:45 Questions for Session 1

10:45 - 11:10 Coffee break

SESSION 2 - CODE AND GUIDANCE

CHAired BY: CIBSE HK Branch (Mr. Stanley CHOW, Chair)

11:10 - 11:35 Drive to Green Infinity by Retro-commissioning

Ir KW KONG, Ir Patrick SO, Ir Ryan LAW *(Electrical and Mechanical Services Department, HKSAR Government)*

11:35 - 12:00 Investigation of Adaptive Thermal Comfort in Building Transitional Spaces – Case Studies in Cardiff, UK

Mr. Jason MY TSE *(Welsh School of Architecture, Cardiff University, Ove Arup & Partners International Ltd.)*

Prof Phillip JONES *(Welsh School of Architecture, Cardiff University)*

12:00 - 12:15 Questions for Session 2

12:15 - 13:25 Lunch & Luncheon Speech:

Ir Calvin FU, Chairman, HKIE BS Division

SESSION 3 - RESEARCH AND INNOVATIONS

CHAired BY: Department of Building Services Engineering, Hong Kong Polytechnic University, (Prof Asif Sohail USMANI, Head of Department)

13:30 - 13:40 Keynote Speech for PolyU 80th ANNIVERSARY

Prof Asif Sohail USMANI *(Head, Department of Building Services Engineering, Hong Kong PolyU)*

13:40 - 14:05 Green, Smart and More ? Challenge and Opportunity of Urbanization and Construction in Mainland China

(Invited Speaker) Prof. Guoqiang ZHANG *(Director of Centre for Sustainable Built Environment, Hunan University & Director of National Centre for International Research Collaboration on Building Safety and Environment, Ministry of Science and Technology, China)*

14:05 - 14:30 What is Missing for Minimizing Light Nuisance caused by External Lighting in Hong Kong ?

Dr. Tommy WEI *(Department of Building Services Engineering, Hong Kong PolyU)*

14:30 - 14:45 Questions for Session 3

14:45 - 15:10 Coffee break

SESSION 4 - POST OCCUPANCY INITIATIVES

CHAired BY: ASHRAE HK Chapter (Mr. Michael SUNG, President)

15:10 - 15:35 The Revamp of BEAM Plus Existing Buildings

Ir CF LEUNG *(Business Environment Council Ltd., BEAM Society Ltd.)*

Dr. Effie HUI *(Business Environment Council Ltd.)*

Ir Dr. Joseph LAI *(Department of Building Services Engineering, Hong Kong PolyU)*

15:35 - 16:00 Evaluating Occupant Comfort in Naturally Ventilated Buildings in Hot and Humid Climates

Peter SIMMONDS, Ph.D *(Building and Systems Analytics LLC, Marina Del Rey, California and Hong Kong)*

16:00 - 16:15 Questions for Session 4

16:15 - 16:25 Closing Speech:

Mr. Michael SUNG,
President, ASHRAE HK Chapter

