

JOINT SYMPOSIUM 2018

Innovative **Technology Fusion** For

Next **Challenging Century**

21st November 2018 (Wed), 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:

**CODE AND GUIDANCE
DESIGN AND RESEARCH
APPLICATION CONSIDERATIONS
INNOVATIVE APPROACH**

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
(on or before 22nd Oct 2018)

HK\$ 1,400 (USD 180)

STANDARD
(after 22nd Oct 2018)

HK\$ 1,500 (USD 193)

Full time students #

EARLY BIRD
(on or before 22nd Oct 2018)

HK\$ 200 (USD 26)

STANDARD
(after 22nd Oct 2018)

HK\$ 200 (USD 26)

* Fee includes proceedings, coffee breaks and lunch

Student package includes proceedings and coffee breaks only

REGISTRATION

Please register online via: www.hkjs.com.hk and send the cheque payable to "THE HONG KONG INSTITUTION OF ENGINEERS – B S DIVISION" and send Cheque to "c/o Level 11, Tower 1, Millennium City 1, 388 Kwun Tong Road, Kowloon, Hong Kong. (Attn: Ir. Raymond Tam, Hon Treasurer HKIE – BS Division)".

At the back of the cheque, please kindly state "JS2018 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: hkjoint2018@gmail.com.

For details, please visit our website:

www.hkjs.com.hk



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CIBSE
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ORGANIZING
UNIVERSITY



Department of Building Services Engineering
The Hong Kong Polytechnic University

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PROGRAMME

09:00 - 09:05 WELCOME ADDRESS

Mr. Tenny TAM

Chairman (Symposium Organizing Committee), ASHRAE-HKC

09:05 - 09:15 OPENING ADDRESS

Dr. David CHUNG Wai-Keung

JP, Under Secretary for Innovation and Technology, The Government of HKSAR

09:15 - 09:35 KEYNOTE SPEECH

Ms. Lynne JACK

President-Elect, CIBSE UK

SESSION 1 - CODE AND GUIDANCE

CHAired BY: ASHRAE HK CHAPTER (*Mr. WONG Shu Hung, President*)

09:40 - 10:05 Drivers Toward Energy Efficiency in Buildings - New Development of Building Energy Code 2018 Edition and Technical Guidelines on Retro Commissioning 2018 Edition

Ir PC CHAN, Ir KW KONG, Ir Anfield CHIU (Electrical and Mechanical Services Department, The Government of HKSAR)

10:05 - 10:30 The Prerogative of Computing, Processing and Control in Building Operation Systems

Mr. Chris LEUNG (Cundall Hong Kong Limited)

10:30 - 10:45 Questions for Session 1

10:45 - 11:15 Coffee break

SESSION 2 - DESIGN AND RESEARCH

CHAired BY: HKIE BS DIVISION (*Ir Brian CHENG, Chairman*)

11:15 - 11:40 Feasibility of Automatic Food Waste Collection for a University Catering Complex

Dr. K. W. MUI, Dr. L. T. WONG, Ms T. W. TSANG, Mr. Y. H. CHIU (Department of Building Services Engineering, The Hong Kong Polytechnic University)

11:40 - 12:05 Improvement Strategies on Environmental Condition in Building Transitional Spaces

Mr. Jason TSE (Welsh School of Architecture, Cardiff University; Sustainability and Building Physics, Buro Happold International (Hong Kong) Limited)

Mr. Phillip JONES (Welsh School of Architecture, Cardiff University)

12:05 - 12:20 Questions for Session 2

12:20 - 13:40 Lunch & Luncheon Speech:

Mr. WONG Shu Hung, President, ASHRAE HK Chapter

SESSION 3 - APPLICATION CONSIDERATIONS

CHAired BY: Department of Building Services Engineering, The Hong Kong Polytechnic University, (*Prof. Asif Sobail USMANI, Head of Department*)

13:45 - 14:15 BIM Experience in Design of New Public Mortuary

Ir Paul YU, Ir Wallace LEUNG, Ir Keith CHENG (Architectural Services Department, The Government of HKSAR)

14:15 - 14:40 From BIM to VDC: Strategies for Innovation and Transformation

Dr. Sam HUI (Department of Construction Technology and Engineering, Technological and Higher Education Institute of Hong Kong)

14:40 - 14:55 Questions for Session 3

14:55 - 15:25 Coffee break

SESSION 4 - INNOVATIVE APPROACH

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

15:25 - 15:50 Big Data in Building Energy Efficiency

Ir Dave CHAN, Dr. Pan LEE, Mr. Kenneth LEE (ATAL Building Services Engineering Limited)

15:50 - 16:15 Innovative Revitalisation for Combating Climate Change through Technological Development

Mr. Alvin LO (Ove Arup & Partners Hong Kong Limited), Ms. Gladys SO, Mr. Gary LEUNG (Nan Fung Development Limited)

16:15 - 16:30 Questions for Session 4

16:30 - 16:45 Closing Speech:

*Mr. Stanley CHOW
Chair, CIBSE Hong Kong Branch*

Big Data

Digital

Renewable Energy

