

Hong Kong Joint Symposium

18 November 2025 Kowloon Shangri-La Hotel

REVEALING SMART, RESILIENT & SUSTAINABLE BUILT ENVIRONMENT

Innovating Wellbeing and Decarbonization from Design to Operation



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.

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.

REGISTRATION FEES (PER PERSON)

Full package*

EARLY BIRD

(on or before 3rd Nov., 2025)

HK\$ 1,700

STANDARD

(after 3rd Nov., 2025)

HK\$ 1,800

Full-time students[#]

STANDARD

HK\$ 450

* Fee includes proceedings, coffee breaks and lunch

[#] Student package includes proceedings and coffee breaks only

REGISTRATION

Please register online via:

https://docs.google.com/forms/d/e/1FAIpQLSdKfPPFem_F3t6b119NXsf2pyikQIEoy3SGIDswWlJZdyIW7Fg/viewform?usp=sharing&oid=108614511157901579036

Please make the Cheque payable to

"The Hong Kong Institution of Engineers - BS Division"

Send the Cheque to below address:

P.O. Box 28329 Gloucester Road Post Office

Attn: Mr. Ng Yik Shan

At the back of the Cheque, please kindly state

"HKJS 2025, Name of your organization, Contact person, and Contact tel. number"

No refund may be made but substitute delegate is allowed.

Receipt will be issued to the contact person when cheque is received.

Enquiry email: HongKongJointSymposium@gmail.com



Scan & Register now

ORGANIZING INSTITUTIONS



BUILDING SERVICES DIVISION
屋宇裝備分部



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學
Department of
Building Environment and Energy Engineering
建築環境及能源工程學系

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PROGRAMME

9:00 am to 5:00 pm, Kowloon Shangri-La, Hong Kong

09:00 – 09:05 **Welcome Address**

by **Mr Barry LAU**

Chairman, Hong Kong Joint Symposium 2025 Organising Committee, ASHRAE Hong Kong Chapter

09:05 – 09:20 **Opening Address**

by **Ir Daniel LEUNG**

Deputy Director (Development & Construction), Housing Department, The Government of the HKSAR

09:20 – 09:35 **Keynote Speech**

by **Prof. Christopher Chao**, Fellow of ASHRAE and Senior Vice President
(Research and Innovation), the Hong Kong Polytechnic University

Session 1 – Codes and Guidance

Chaired by: **Mr Jason Kwok**, President of ASHRAE Hong Kong Chapter

- 09:35 – 09:55 A Smarter Consumption Solution to Solve Energy Crises - PEDF for Buildings by **Schneider Electric Hong Kong Limited**
- 09:55 – 10:15 Biophilic Urbanism: Synergizing Wellbeing and Decarbonization in High-Density High-rise Cities by **Tony Ip Green Architects Limited**
- 10:15 – 10:35 Nature-based Solutions for Resiliency and Sustainability in the Built Environment by **AECOM Asia Company Limited**
- 10:35 – 10:45 Questions for Session 1
- 10:45 – 10:50 Appreciation Certification to Speakers
- 10:50 – 11:15 Coffee Break

Session 2 – Design and Research

Chaired by: **Prof Meng Ni**, Head of Department of Building Environment and Energy Engineering, Hong Kong Polytechnic University

- 11:15 – 11:35 Hong Kong First's Zero-Carbon Chiller System at Nina Tower by **Chinachem Group, CLPe, WSP (Asia) Limited, Young's Engineering Co., Limited**
- 11:35 – 11:55 MiMEP from Inception to Operational by **China Bright MiMEP Limited**
- 11:55 – 12:15 Innovative Case Studies in Action: Implementing Wellbeing and Decarbonization Strategies from Design to Operation by **Asia Pacific Rim Development of AEE, ISPL Consulting Limited**
- 12:15 – 12:25 Questions for Session 2
- 12:25 – 12:30 Appreciation Certification to Speakers

12:30 – 14:00 **Lunch Speech**

by **Ms Ruth Carter**, Chief Executive Officer, CIBSE

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14:00 – 14:15 Keynote Speech

by Eur Ing Prof David Cooper MBE

President-Elect, CIBSE

Session 3 – Operation and Maintenance

Chaired by: **Ir John CHAN** *Chair of HKIE Building Services Division*

14:15 – 14:35 Revitalisation for a Smart and Green Future: ATAL Tower by **ATAL Building Services Engineering Limited**

14:35 – 14:55 Building Optimization Transformation: Real time Monitoring-based Commissioning Platform to drive Operational Efficiency by **ASHRAE Hong Kong Chapter**

14:55 – 15:15 A Case Study of the First R-1234ze(E) Low-GWP HFO Air-cooled Chiller at a Public Hospital in Hong Kong by **Hospital Authority, Electrical and Mechanical Services Department, Trane Hong Kong**

15:15 – 15:25 Questions for Session 3

15:25 – 15:30 Appreciation Certification to Speakers

15:30 – 16:00 Coffee Break

Session 4 – Smart, Resilient and Sustainability

Chaired by: **Mr Ethan POON**, *Chair of CIBSE Hong Kong Region*

16:00 – 16:20 Climate Adaptation: From Science to Engineering by **Arup Climate and Sustainability, City University of Hong Kong**

16:20 – 16:40 Practical Explorations of AI for Smart Control of Chiller Plants by **Tsinghua University Building Energy Research Center, Swire Properties Limited**

16:40 – 16:50 Questions for Session 4

16:50 – 16:55 Appreciation Certification to Speakers

16:55 – 17:00 Closing Speech

by **Mr Ethan POON**

Chair of CIBSE Hong Kong Region