



# **BACnet Technical Conference 2025**

## **Riding on Implementation Trend of Smart Building Systems**

**27 June 2025 (Fri)**  
**9:00am to 5:30pm**

**BEC Auditorium**  
**G/F Jockey Club Environmental Building,**  
**Kowloon Tong**

# Riding on Implementation Trend of Smart Building Systems

## Programme

Time	Rundown
08:30	Registration
<b>AM Session: BACnet Theory and Roadmap</b> (Session Chair: Mr. Cecil Man)	
09:00	<b>Welcome Address</b> Mr. Taylor Chow, <i>President, ASHRAE Hong Kong</i>
09:05	<b>Opening Speech</b> Guest of Honour: Ir Raymond Poon, JP, <i>Director, Electrical and Mechanical Services Department, HKSAR</i>
09:15	<b>AI-Ready Building Informatics: Elevating Smart Building Systems with Data Quality and Semantic Schema Standard</b> Speaker: Mr. Patrick So, <i>Senior Engineer, Electrical and Mechanical Services Department, HKSAR</i>
09:40	<b>Building the Future: Digitization and AI in Construction Towards a Carbon-Neutral Smart City</b> Speaker: Ir Prof. Llewellyn Tang, <i>Associate Professor, Department of Real Estate and Construction, HKU</i>
10:15	<b>(Webinar) BACnet – Concepts, Features and Benefits</b> Speaker: Mr. Andy McMillan, <i>President and Managing Director, BACnet International</i>
10:50	Tea Break
11:10	<b>(Webinar) BACnet Underlying Technologies</b> Speaker: Mr. Bernhard Isler, <i>Independent Technology Consultant, BACnet Committee – SSPC 135</i>
11:45	<b>(Webinar) Semantic Interoperability – from 135 to 223P</b> Speaker: Dr. Gabe Fierro, <i>Assistant Professor of Computer Science, Colorado School of Mines</i>
12:20	<b>AM Session Q&amp;A</b>
12:30	Lunch Break
<b>PM Session: Implementation of BACnet Protocol</b> (Session Chair: Mr. Patrick Huang)	
14:00	<b>BuildingGPT: Talk with Your Building Data</b> Speaker: Dr. Zhe Wang, <i>Assistant Professor, Department of Civil and Environmental Engineering, HKUST</i>
14:35	<b>Scalable Semantic AI-Powered Data-to-Decision Optimization Technologies for Building Energy Management</b> Speaker: Prof. Xiao Fu, <i>ASHRAE Fellow, Associate Director, Research Institute of Smart Energy, PolyU</i>
15:10	<b>Cybersecurity Readiness of BACnet: Planning and Implementation Strategies</b> Speaker: Ir Paul Wong, <i>Manager (Planning and Commissioning), Section Head, Hong Kong Baptist Hospital</i>
15:45	Tea Break
16:05	<b>From BACnet to Insights: Building Smarter Facilities with Modern Data Lakes and Analytics for Energy Optimization and Condition-based Maintenance</b> Speaker: Dr. Pan Lee, <i>Technical Manager, ATAL Building Services Engineering Limited</i>
16:40	<b>Development of BACnet Verification Tool during T&amp;C and Handover in Hong Kong</b> Speaker: Mr. Herman Chow, <i>Head of the Testing Team of Smart City Division, Hong Kong Productivity Council</i>
17:15	PM Session Q&A
17:25	<b>Closing Address</b> Mr. Jason Kwok, <i>Incoming President, ASHRAE Hong Kong Chapter</i>

Remark: The Organizers reserve the right to modify and update the conference program without prior notice.



**Hong Kong**  
Chapter





# Riding on Implementation Trend of Smart Building Systems



## Main Theme

**To enhance technical capability of local and overseas professionals in building engineering services industries on smart building system implementation.**

## Targeted Participants

**Building Services Professionals including Building Engineering Service Engineers, Property Management Managers and Building Analysts; Academia and Policy Makers.**

## Official Language of the Conference

**English**

## CPD Hours

**6-hour e-CPD certificate will be provided.  
(Recognised 5-CPD hours under the PMSA CPD Scheme)**

## Fee

**Free of Charge**

## Quota

**100 participants in person; 500 participants via online**

## Registration

**For online registration, please complete enrolment form in the following QR code or link :**  
[https://docs.google.com/forms/d/e/1FAIpQLSd67VvDq-uPksISr3lclxukU38YZ\\_nnK5Q4SNsw4YVzvGluSg/viewform?usp=sharing](https://docs.google.com/forms/d/e/1FAIpQLSd67VvDq-uPksISr3lclxukU38YZ_nnK5Q4SNsw4YVzvGluSg/viewform?usp=sharing)



**Registration will close on 15 June 2025**

(Application will only be confirmed on a first-come-first-served basis)

## Supporting Organization - Chapters of ASHRAE Region XIII

- |                              |                            |                          |
|------------------------------|----------------------------|--------------------------|
| • ASHRAE Singapore Chapter   | ASHRAE Malaysia Chapter    | ASHRAE Taiwan Chapter    |
| • ASHRAE Philippines Chapter | ASHRAE Thailand Chapter    | ASHRAE Indonesia Chapter |
| • ASHRAE Japan Chapter       | ASHRAE South Korea Chapter | ASHRAE Macao Chapter     |
| • ASHRAE Vietnam Chapter     |                            |                          |

## Supporting Organization - Hong Kong

- |                                                                  |                                                                             |
|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| • Architectural Services Department                              | • International Facility Management Association Hong Kong Chapter           |
| • Asian Institute of Built Environment                           | • The Association of Energy Engineers Hong Kong Chapter                     |
| • Asian Institute of Intelligent Building                        | • The Chartered Institution of Building Services Engineers Hong Kong Region |
| • BEAM Society Limited                                           | • The Hong Kong Federation of Electrical and Mechanical Contractors Limited |
| • Building Services Operation and Maintenance Executives Society | • The Hong Kong Institution of Engineers, Building Services Division        |
| • Business Environment Council                                   | • The Hong Kong Institution of Engineers, Environmental Division            |
| • Electrical and Mechanical Services Department                  | • The Hong Kong Institution of Engineers, Gas and Energy Division           |
| • Hong Kong Association of Energy Engineers                      | • The Hong Kong Institute of Facility Management                            |
| • Hong Kong Green Building Council                               | • The Hong Kong Institute of Surveyors                                      |
| • Hong Kong Housing Authority / Housing Department               |                                                                             |

## Disclaimer:

*Any opinions, findings, conclusions or recommendations expressed in this material/any event organised under this project do not reflect the views of the Government of the Hong Kong Special Administrative Region or the Vetting Committee of the Professional Services Advancement Support Scheme.*

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## Enquiry

**For enquiry, please contact Mr. Taylor Chow at 6014 2397.**