



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



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

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|------------------------------|----------------------------|--------------------------|
| • 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

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| • 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:

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Enquiry

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