

ORGANIZER: **SUPPORTING ORGANIZATIONS:**

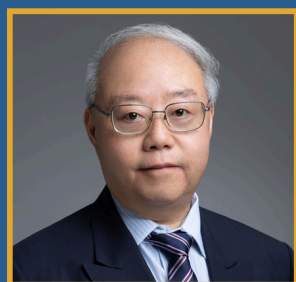


2.5-hour CPD # HOT TOPICS RELATED TO BUILT ENVIRONMENT

Join our CPD sessions and learn more about the hot topics related to:

- Part 1 (1 hour) | WELL Facility Management | Automated Parking Systems
- Part 2 (1.5 hour) | Smart City & Open BIM | Carbon Neutrality

GUEST SPEAKERS



Ir Dr. Albert So
Director, AIBE



Ms Carmen Wong
General Manager,
REC Green Technologies Co. Ltds



Dr. Gaby Kun
Lecturer, AIBE



Ir Derek Au
Member of Employer
Liaison Panel, AIBE

EVENT DETAILS

- Date:** 21 September 2024 (Saturday)
Time: 2:30 p.m. to 5:00 p.m.
Format: Blended mode (AIBE YMT campus / Zoom)
Venue: 11/F, Oxford Commercial Building,
494-496 Nathan Road, Yau Ma Tei, Kowloon
Language: Cantonese (English presentation material)
Fee: HK\$50 | non-members
(CPD e-cert inclusive#) HK\$40 | AIBERs and members of supporting organizations

REGISTRATION



Application deadline:
9 September 2024

#The entire CPD session comprises two parts. CPD certificate will be issued to participant according to the attendance of that particular parts. For environmental consideration, e-CPD-certificate will be issued. Printed CPD certificate will only be arranged upon request and will be dispatched at AIBE counter only.

Enquiry



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MORE ABOUT THE TOPICS:

Part 1 - (2:30 - 3:30 p.m. ; 1-hr CPD)

WELL Facility Management

by Ir Dr Albert So -



An insightful sharing on integrating WELL standards into facilities management. Dr So will share how to enhance building environments to improve occupant health and well-being. Attendees will gain practical knowledge on applying WELL principles, optimizing indoor air quality, lighting, comfort, hygiene and more. How to do measurement and improvement. Whether you are a facilities manager, architect, engineers or sustainability professional, this seminar will equip you with the ideas and tools to create healthier and more harmonic and productive spaces.

Automated Parking Systems (APS)

by Ms Carmen Wong -



Automated Parking Systems (APS) are a recent adoption in Hong Kong, transforming the way vehicles are parked. These advanced systems use sensors, software, and robotics to automate the parking process, optimizing space and enhancing the user experience. As Hong Kong grapples with limited parking capacity, APS offer a scalable and efficient solution. This CPD program will introduce the latest APS technologies, exploring their operational principles and the statutory requirements for local application. Attendees will gain insights into how APS can be implemented to meet Hong Kong's parking challenges, while ensuring compliance with relevant laws and regulations. The program will equip professionals to navigate the integration of APS in Hong Kong's urban landscape.



MORE ABOUT THE TOPICS:

Part 2 - (3:30 - 5:00 p.m. ; 1.5-hr CPD)

Insights into BuildingSMART International Asia Summit 2024 & YUNNAN (KUNMING) - HK JOINT SYMPOSIUM 2024



Dr Gaby Kun -

The session focuses on the relationship between smart city and sustainability in the built environment. It examines how advanced technologies like AI, IoT, openBIM, and big data analytics can be utilized to tackle the complex challenges of climate change, resource scarcity, and urban resilience in rapidly expanding cities.



Ir Derek Au -

1. Sharing of recent development of Government Digital Platforms such as iAM Smart and the future trend of digital transformation of various public services including building approval process at regulatory departments of different countries. Leveraging BIM and open data standards such as OpenBIM to enhance site productivity, reduce construction costs and improve safety, reduction of tedious checking time with the advantage of seamless collaboration for different participants. The application of IFC and IDS for bridging readable languages between human and computers.

2. Sharing about the technologies to facilitate the fulfilment of various milestones set out for "Carbon Neutrality" - Application of widely adopted Open protocol BACNet and IoT for real time monitoring, end of life cycle evaluation and collection of big data for Smart buildings in Hong Kong as well as case studies of retro-commissioning of existing commercial buildings for energy saving. Moreover, one case study for getting green finance loan from the bank and successful case study of applying AI software to reduce energy consumption at one University will be shared. Sharing of zero-energy buildings development in China and their regulatory requirements in China as well as their energy saving/renewable energy generation installations will be introduced

