

# ADVANCING NET ZERO CARBON

## BUILDING DESIGN

1-DAY TECHNICAL SEMINAR



### SEMINAR DETAILS:

Date: 20 April 2023

Time: 0900–1730

Venue: Zero Carbon Park

(8 Sheung Yuet Road,

Kowloon Bay, Kowloon, Hong Kong)

Language: English

Fee for the ASHRAE members:

\$800 (before 4th April, 2023)/\$1000

Fee for non-members:

\$900 (before 4th April, 2023)/\$1100

## INTRODUCTION

The goal of this seminar is to bring persons who work in all aspects of building design, construction, operation, ownership and management into the same venue to address how the building industry as a whole can improve the impact buildings have on the global climate crises. Since building design, construction and operation contribute close to 40% of total global emissions of carbon, it is imperative that all the stakeholders work together to develop a path forward to address the impact.

Industry leaders in different area of interest are invited as the speakers of the seminar, including ASHRAE Distinguished Lecturer from United State. The seminar program will include presentations that address the following topics:

- Advancing Net Zero Drivers: Guidelines, Standards and Regulations
- Passive and Active Design of Net Zero Buildings
- Case Sharing
- Emerging New Technology Applications

Participants will gain a great opportunity of networking in the physical conference. Various stakeholders in the industry will join together and share the latest updates to ensure you remain at the forefront in the engineering industry.

## SEMINAR DETAILS AND PROGRAMME

Date: 20th April 2023

Time: 09:00-17:30

Venue: Multi-Purpose Hall, CIC Zero Carbon Park, 8 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong

Language: English

Time	Activities	Topic/Speaker
08:30	Registration	
09:00	Welcome Address	Mr. Barry LAU, Chairman, Organization Committee Chapter Technology Transfer Committee Chair of ASHRAE Hong Kong Chapter 22-23
09:10	Opening Ceremony & Photo Session	
Morning Session		
09:25	Session 1	<b>Advancing Net Zero Roadmap in Hong Kong</b> Mr. Sidney AU, Senior Engineer, Electricity and Energy Efficiency Branch Electrical and Mechanical Services Department, HKSAR
10:05	Session 2	<b>Net Zero Energy Buildings</b> Mr. Frank MILLS, Distinguish Lecturer from ASHRAE
10:45	1st Session Q&A	
10:55	Coffee Break & Networking	
11:15	Session 3	<b>Architect Design on Net Zero Carbon Building</b> Ms. Vikki LEW, Chair, Committee of the Environment , AIA Hong Kong
11:55	Session 4	<b>Sustainability Approach for Net Zero Carbon Design</b> Dr. Jason TSE, Associate Director, Sustainability and Building Physics, Buro Happold Engineeringe
12:35	2nd Session Q&A	
12:45	Lunch	
14:00	Photo Session	
Afternoon Session		
14:05	Session 5	<b>Towards Net Zero Buildings and Cities in China – A Suggested Pathway</b> Dr. Qingpeng WEI, Associate Professor, School of Architecture, Tsinghua University
14:45	Session 6	<b>Case Sharing : Advancing Net Zero Carbon Building in Hong Kong</b> Dr Edward CHAN, Deputy General Manager, Project Management Department, Henderson Land Development Co. Ltd.
15:25	3rd Session Q&A	
15:35	Coffee Break & Networking	
15:55	Session 7	<b>Adoption of DfMA-MIMEP in Building</b> Mr. James LI, Senior Engineering Manager, Gammon E&M Limited
16:35	Session 8	<b>BACnet and semantic modelling as basic building blocks for AI and machine learning towards building energy optimisation</b> Mr. Cecil MAN, Chairman, BACnet Technical Working Group, ASHRAE Hong Kong Chapter
17:15	4th Session Q&A	
17:25	Closing Address	Mr. Joe CHOW, President of ASHRAE Hong Kong Chapter 22-23
17:30	End of conference	

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



## REGISTRATION FEE

Application	*Early Bird	Standard
Member of ASHRAE HKC or Supporting Organization^	HK\$800*	HK\$900
Non-Member^	HK\$1,000*	HK\$1,100
Full-time Student^	HK\$150	

\*Early Bird registration discount is only valid if payment received on or before 4th April 2023.

\*\* Reserved seats are limited. Registration based on First come first serve.

^ Lunch is NOT included.

Participant can obtain a certificate of 7-hour Continuing Professional Development (CPD) hours provided by the ASHRAE Hong Kong Chapter in electronic PDF format by email after the seminar.

## REGISTRATION



Please scan the QR code for online registration (<https://forms.gle/7HP3w16L5CdZ7Ktp8>). After online registration, payment should be by post with a crossed cheque payable to "ASHRAE Hong Kong Chapter" to the P.O. Box 35612, King's Road Post Office, North Point, Hong Kong before 10 Apr 2023 (Thur). Number of participants is limited to 100. Registration is opened to ALL and Members of supporting organizations will be given priority. Successful applicants will be informed individually by e-mail on or before 15 Apr 2023 (Sat).

Please ensure to read through the Remarks stated in this flyer and online form before registration. At the back of the bank cheque, please kindly state the following information:

1. Advancing Net Zero Carbon Design Seminar,
2. Name of Company / Organization and Registrant,
3. Contact Telephone Number &
4. Email Address

There is no refund for cancellation of registration initiated by a registrant. However, the registration may be transferred to another person from the same company or organization at no extra charge by notifying the Organizer on or before 15th Apr 2023

Seating capacity is limited, on a first-come-first-served basis. Registration will close on 10th April 2023. For enquiry, please contact Mr. Barry Lau of ASHRAE-HKC by email at [barrylau@swireproperties.com](mailto:barrylau@swireproperties.com) or Mr. Patrick Huang of ASHRAE-HKC by email at [patrickhuang@swireproperties.com](mailto:patrickhuang@swireproperties.com). Attendance CPD Certificate will be provided after completing the event and will be emailed to attendant within 1 month after the date of the event.

## ORGANIZING COMMITTEE

Chairman: Mr. Barry Lau  
 Secretary: Mr. Patrick Huang  
 Treasurer: Mr. Anson Lee  
 Members: Mr. Taylor Wong  
 Ms. Winky Cheung  
 Advisor: Mr. Joe Chow

## IMPORTANT POINT TO NOTE

1. The payment is non-refundable.
2. Application will only be confirmed with payment, on a first-come-first-served basis.
3. An official e-receipt will be issued by email to registrant only upon payment.
4. The event will be cancelled when the typhoon signal no. 8 or above, or black storm warning is hoisted 3 hours before the event commences.
5. Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned or otherwise disclosed to third party.

## SUPPORTING ORGANIZATION

