

Technical Conference 2024



DECARBONIZATION CHALLENGE FOR THE BUILT ENVIRONMENT



Crowne Plaza Hong Kong Kowloon East,
No. 3 Tong Tak Street, Tseung Kwan O,
Hong Kong



12 April 2024 (Fri)
9:00 AM - 5:00 PM

MAIN THEME

Decarbonization strategies, progress and next-generation retro-commissioning.

Targeted Participants

Professionals and practitioners on design, contracting, operations and facility management, academia and policy makers.

Official Language of the Conference

English

Fee	Early Bird*	Standard*	Full-time Student [#]
Member of ASHRAE HK Chapter, Supporting Organization	HK\$1,300	HK\$1,500	HK\$ 400
Non-Member	HK\$1,500	HK\$1,700	

Remark:

* Fee includes proceedings, tea breaks and lunch

Student package includes proceedings and tea breaks only

- 1) Application will only be confirmed with payment, on a first-come-first-served basis.
- 2) No refundable but substitute delegate is allowed.
- 3) An official e-receipt will be issued by email to registrant only upon payment.
- 4) 6-hour e-CPD certificate will be provided upon completing the event within 21 days after the date of the event.

Registration

For online registration, please complete enrolment form in the following link :

<https://forms.gle/HMhveMFbBXYGieNV7>

Please ensure to read through the Remarks stated in the Enrolment Form before registration.

Payment

Please complete the registration online and make the payment by PayPal or Cheque payable to **"ASHRAE Hong Kong Chapter"**. Send the Cheque to below address: **"P.O. Box 35612, King's Road Post Office, North Point, Hong Kong"** Attn: Mr. Taylor Chow

At the back of the Cheque, please kindly state "TC2024, Name of your company/organization, contact person and contact phone number".

Enquiry

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



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PROGRAMME

Time	Rundown
8:30	Registration
AM Session: Decarbonization Strategies and Progress	
9:00	Welcome Address Ir Dr. Cary CHAN, JP, <i>Chairman, Technical Conference 2024</i>
9:05	Opening Speech Guest of Honour: Ms. Ginger SCOGGINS, <i>President, ASHRAE</i>
9:20	Keynote Speech Striving towards Carbon Neutrality and Building a Sustainable Future Guest of Honour: Miss Diane WONG, JP, <i>Under Secretary for Environmental and Ecology</i>
9:40	Whole Life Carbon Zero + Recent Developments - Speaker: Mr. Luke LEUNG, <i>Distinguished Lecturer, ASHRAE</i>
10:30	Tea Break
11:00	CLP's Path to Net Zero – Powering a Carbon Neutral Hong Kong - Speaker: Mr. Jim TAYLOR, <i>Senior Director of Planning & Development, CLP Power</i>
11:30	Decarbonization Strategy – From City to Corporate to Building Level - Speaker: Ir Gigi KAM, <i>Associate Director, ARUP</i>
12:00	AM Session Q&A
12:10	Luncheon
PM Session: Next-Generation Retro-commissioning	
13:30	Welcome Address Mr. Peter LAM, <i>President, ASHRAE Hong Kong Chapter</i>
13:35	Opening Speech Guest of Honour: Ir Raymond POON, JP, <i>Deputy Director, Electrical and Mechanical Services Department</i>
13:50	The Latest Development of Retro-commissioning in Hong Kong - Speaker: Miss Eva LAM, <i>Senior Engineer, Electrical and Mechanical Services Department</i>
14:10	Keynote Speech China's Strategy and Progress on Green Buildings and Low Carbon Energy - Speaker: Dr. Yingxin ZHU, <i>Professor of School of Architecture, Tsinghua University, China</i>
14:40	Commissioning for Low Carbon Energy and Heating/Cooling Systems - Speaker: Dr. WEI Qing-peng, <i>Deputy Director, Building Energy Research Center, Tsinghua University</i>
15:10	Tea Break
15:40	A Critical Review on the Digital Twin Project of AirSide - Speakers: Ir Vincent WONG, <i>Assistant General Manager, Nan Fung Development Limited</i> Mr. Mark CHEN, <i>Executive Lead & Chief Technology Officer, Neuron</i>
16:10	Application of Artificial Intelligence (AI) Control System on Chiller Plant - Speaker: Dr. Chris CHOY, <i>Co-Founder and Chief Technology Officer, Carnot Innovations Limited</i>
16:40	PM Session Q&A
16:50	Closing Address Mr. LEONG Cheng Wee, <i>Director and Regional Chair, ASHRAE Region XIII</i>

Remark: The committee reserves the right to modify any content of the conference program.



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DECARBONIZATION CHALLENGE FOR THE BUILT ENVIRONMENT

ORGANIZING COMMITTEE

Chairman	Dr. Cary Chan, JP
Members	Ms. Ophelia Au Ms. Daphne Chan Mr. Joe Chow Mr. Taylor Chow Mr. Eddie Fung Mr. Patrick Huang Mr. Jason Kwok Mr. Peter Lam Mr. Jacky Ng Dr. C S Wong Mr. Taylor Wong

SUPPORTING ORGANIZATIONS

Supporting Organizations – Government Department / Educational Institutions:

- Architectural Services Department
- Buildings Department
- Electrical and Mechanical Services Department
- Environmental Protection Department
- Hong Kong Housing Authority / Housing Department
- Department of Building Environment and Energy Engineering (BEEE), The Hong Kong Polytechnic University
- Department of Architecture and Civil Engineering, City University of Hong Kong
- Department of Mechanical Engineering, The University of Hong Kong
- Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology
- Department of Construction, Environment and Engineering, Technological and Higher Education Institute of Hong Kong
- Asian Institute of Built Environment
- Department of Construction and Quality Management, Hong Kong Metropolitan University

Supporting Organizations – Professional Institutions:

- Asian Institute of Intelligent Buildings
- BEAM Society Limited
- Building Services Operation and Maintenance Executives Society
- Business Environment Council
- Energy Institute Hong Kong Branch
- Hong Kong Association of Energy Engineers
- Hong Kong Green Building Council
- Institution of Mechanical Engineers Hong Kong Branch
- International Facility Management Association Hong Kong Chapter
- Property Management Services Authority
- The American Institute of Architects Hong Kong Chapter
- The Association of Energy Engineers Hong Kong Chapter
- The Chartered Institute of Plumbing and Heating Engineering - Hong Kong Branch
- The Chartered Institution of Building Services Engineers Hong Kong Region
- The Hong Kong Air Conditioning and Refrigeration Association Ltd.
- The Hong Kong Federation of Electrical and Mechanical Contractors Limited
- The Hong Kong Institution of Engineers, Building Services Division
- The Hong Kong Institution of Engineers, Control, Automation & Instrumentation Division
- The Hong Kong Institution of Engineers, Environmental Division
- The Hong Kong Institution of Engineers, Gas and Energy Division
- The Hong Kong Institute of Facility Management
- The Hong Kong Institute of Surveyors
- The Society of Operations Engineers (Hong Kong Region)
- World Green Organization