



Happy
CHINESE NEW YEAR
2024



CIBSE **45**
Hong Kong

CIBSE HONG KONG REGION NEWSLETTER





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Message from the Chair

Dear esteemed member of the CIBSE Hong Kong Region,



As we joyously welcome the Year of the Dragon during this auspicious Chinese New Year, I would like to extend my warmest greetings to you and your loved ones. May this magnificent year bring you abundant blessings, prosperity, and success in all your endeavors! The Dragon, a symbol of power, wisdom, and good fortune, holds a special significance in Chinese culture.

As members of the building services engineering community, we too strive to embody these qualities in our work, ensuring the safety, efficiency, and sustainability of the built environment. One of our key goals is to raise CIBSE's professional status in the Region. We were delighted to be recognised as a Professional Bodies (RPBs) for Property Management Practitioner (PMP) – Tier 1 by the Professional Management Services Authority (PMSA) in 2023. As a result of this license being awarded, we will offer more CPD sessions on facilities management, particularly around Guide M – Maintenance engineering and management.

Membership

The Region have conducted over 90 professional interviews and more are being arranged. With the increasing number of applications pouring in, we are in need of exceptional individuals who can contribute their expertise and insights to help us in the selection process. If you are passionate about identifying exceptional individuals, possess excellent communication and analytical skills, and are committed to maintaining fairness and integrity throughout the selection process, we invite you to join our team. We are shaping the future of the Region by building a strong and competent workforce, please join and become an integral member of our professional interview panel.

We are also very actively promoting CIBSE in universities and institutes by organising events, we wish to reach out to a wider audience and attract young engineering students who are passionate about their field of study.



Recognition of CIBSE Hong Kong Region as a Professional Body of Property Management Services Authority

Major Activity

In last few months in the session, the Committee and YEN have worked hard in organising various events for members. Major events including Hong Kong Joint Symposium and Joint Comprehensive Certificate Course on HVAC&R System in Buildings have been successfully organised with active participation by members and practitioners. Miscellaneous technical events and social events such as Golf Competition, etc. were also successfully held.

Other than these events, the Region has joined the various Technical Taskforce (TF) & Working Groups (WG) hosted by EMSD to support Government to review latest technical aspects.

On communication, the website has been revamped and launched in August last year. Through this digital gateway, we aim to connect with our members in a more meaningful way, providing them with easier access to information, resources, and opportunities. Our hope is that this website becomes a valuable tool for our community, empowering them to engage, collaborate, and thrive.



Photo taken at Technical Seminar on Cloud-Based Smart Energy Management Platform (CBSEMP) - Swire Properties

Message from the Chair

Hong Kong Awards

The third CIBSE Hong Kong Awards took place in December, with three projects recognised for outstanding performance and accolades given for Facilities Management Team of the year and, for the first time, Best Digital Innovation. The awards recognise organisations that have played pivotal roles in the design, construction, installation, commissioning, or operation of low-energy buildings with a high-quality built environment. These awards go beyond design intent or performance specifications, truly acknowledging the impact and effectiveness of engineering solutions in Hong Kong. Once again, congratulations to all winners and appreciation to all participants.



Photo taken at CIBSE Hong Kong Awards 2023



Photo taken at PolyU - Engineers of the future: Building Environment and Energy Engineering Engineer Pop-up

Best Design Practice

The preparation of the Best Design Practice in Building Intelligent Services to guide through our members to get ready the challenge in technology breakthrough in near future was in good process. We have collected views from taskforces which including members from consultant, contractor, developer, supplier, property management and academic professionals. We are finalising the document and will share with our members later this year.

YEN

As one of my priority objectives, young engineers' development will define be one of the the key task. We have formulated a mentoring programme to develop young engineers, inspire their career development, guide them through chartership journey. The progamme will start in mid-January as pilot and will roll out in wider coverage after review later this year.

Chinese New Year is a time for reunion and celebration, where families and friends come together to cherish precious moments. I encourage you to also take this opportunity to connect with your fellow institute members, fostering camaraderie and sharing knowledge, as we collectively contribute to the advancement of our profession.

On behalf of the CIBSE Hong Kong Region, I extend my heartfelt wishes for a joyful and prosperous Chinese New Year. May the Year of the Dragon ignite your passion, fuel your ambitions, and bring you fulfilment in all aspects of life.

Wishing you a prosperous and memorable year ahead!



Gary CHIANG

Chair, CIBSE Hong Kong Region (2023/24)



Recognition of CIBSE Hong Kong Region as a Professional Body of Property Management Services Authority

We are glad to announce that Honorary Fellows, Fellows and Members of our CIBSE Hong Kong Region have been added to Property Management Services Authority (PMSA) list of Recognised Professional Bodies (RPBs). Our memberships are in compliance with the requirement concerning professional qualification for the Property Management Practitioner (PMP) (Tier 1) licence issued by the PMSA.

The PMSA recognised CIBSE's achievement based on five criteria, namely, its relevance to the PM profession in Hong Kong, membership criteria, mechanism to regulate professional conduct, requirement on members' continuing professional development, as well as recognition of the organisation within the industry.

Together, we will continue to drive professional development to enhance the status and professional service standard of the property management!



Region Activities

President Elect and CEO Visit 2023

HKIE THE HONG KONG INSTITUTE OF ENGINEERS
香港工程師學會

建築署
Architectural Services Department

機電工程署
EMSD

Ms. Fiona Cousins, President Elect and Ms. Ruth Carter, CEO paid a visit to Hong Kong in November 2023. During their stay, a meeting with the Hong Kong Institution of Engineers (HKIE) was arranged to discuss the new reciprocal agreement between CIBSE and HKIE, with mutual recognition of CIBSE engineers in Hong Kong.



They also met the professionals from Architectural Services Department (ArchSD), with which they talked about collaboration and how to engage stakeholders.



A technical visit to District Cooling System at Kai Tak Development, owned by Electrical and Mechanical Services Department (EMSD), was held to introduce the benefits of this energy-efficient cooling solution as well as the on-going development on adopting District Cooling System in Hong Kong.



Ms. Fiona Cousins, on behalf of the delegation, expressed her gratitude to the hard work of Hong Kong Region Committee and YEN for arranging a variety of activities and gaining impressive outcomes during the events.



Region Activities

CIBSE Hong Kong Awards 2023



The CIBSE Hong Kong Awards 2023 Award Presentation Ceremony was successfully conducted on 8 December 2023. CIBSE Hong Kong Awards 2023 is the only industry award that focus on actual, measured performance outcomes in built environment, in addition to the design intent or performance specifications. For the awardees of Hong Kong Awards 2023, the winners are as follows:

Project of the Year Award – Commercial / Industrial Building

Project: International Commerce Centre (ICC)
Organisation: Kai Shing Management Services Limited



Project of the Year Award – Public Use Building

Project: Kowloon East Regional Headquarters and Operational Base cum Ngau Tau Kok Divisional Police Station
Organisation: ArchSD and EMSD



Project of the Year Award – Retrofit Building

Project: TKO Plaza
Organisation: Arup



Facilities Management Team Award

Project: Design-Build-Operate a District Cooling System (Phase II Works) at Kai Tak Development and Operation and Maintenance Services of DCS in West Kowloon Culture District
Organisation: Hong Kong District Cooling Company Limited



Best Digital Innovation Award

Project: Integrated Smart Management System
Organisation: Hongkong Land (Property Management) Limited



These outstanding organisations have demonstrated excellence, innovation, and a commitment to delivering exceptional building services engineering solutions. Let us continue to support the advancement of building services engineering!



**CIBSE Hong Kong Region Chair -
Mr. Gary Chiang delivered a speech**



**Guest of Honour -
Mr. Victor Tai, JP, the Under Secretary for
Housing of HKSAR delivered a speech**



**CIBSE CEO -
Ms. Ruth Carter delivered a speech**



**CIBSE President -
Mr. Adrian Catchpole delivered a speech**



**CIBSE Past Vice President -
Prof. PL Yuen delivered a speech**



**CIBSE Past President -
Mr. Peter Wong delivered a speech**



Social Activities

CIBSE President's Awards Dinner

The CIBSE Hong Kong Region had the privilege of attending the prestigious CIBSE President's Awards Dinner took place in the elegant Adelphi Suite at the Waldorf Hilton, London in October 2023. It was a momentous occasion as we were invited by Mr. Adrian Catchpole, CIBSE President to represent the Hong Kong Region. The event provided an exceptional opportunity to connect with numerous professionals and friends from the Building Services industry, fostering valuable relationships and facilitating the exchange of insights and knowledge.



Additionally, we participated in the Council Meeting and Regional Liaison Committee Meeting at the CIBSE headquarters in Balham, London. During the meeting, we had the chance to share the latest updates on various programs and discuss our activity plans for 2024. One notable initiative we discussed was the STEM Ambassador programme, which allows members to volunteer as educational leaders, inspiring the next generation of engineers in local schools and universities. The Hong Kong Region is eagerly exploring the possibility of introducing this program to our members in Hong Kong, recognising its potential to make a significant impact on the future of engineering education in our Region.



Social Activities

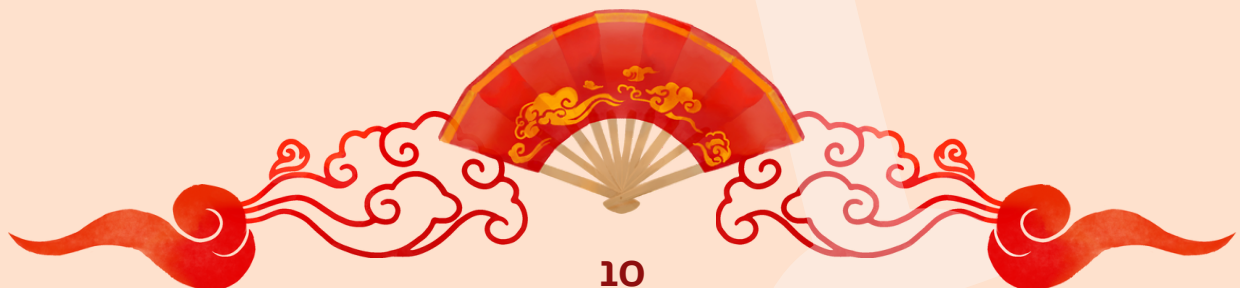
CIBSE Hong Kong Region Membership Cocktail Night



CIBSE Hong Kong Region Membership Cocktail Night brought together young engineers to network and connect with our professionals on 30 November 2023. It was our pleasure to have Dr. Raymond Chan, Mr. Derek Chan and Mr. Gibson Tam as honourable guests for the night. The social event provided a unique platform for the young engineers aspiring to achieve MCIBSE and CEng qualifications by exchanging ideas with the guests and their peers in a relaxed setting.

Guests mingled and connected, shared ideas and provided insights that showcased the power of collaboration within our industry. By valuable interactions with each other, attendees engaged in meaningful conversations with the like-minded ones and expanded their professional circles.

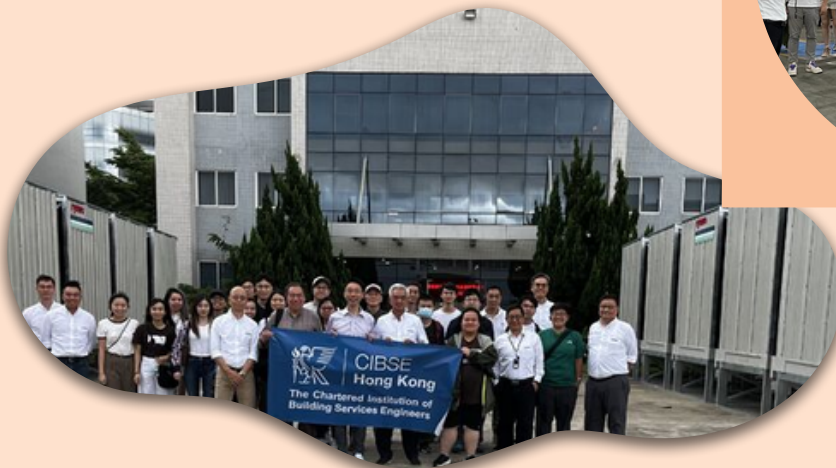
We hoped to build a stronger professional network within the CIBSE Hong Kong Region throughout the energetic Cocktail Night. Young engineers are welcomed to join us and move a bigger step forwards to their professional growth and success in the field.



Technical Activities

Technical Visit to Cooling Tower Factory in Dongguan

After years of border lockdown posed by the pandemic, we are thrilled to share our first technical visit to Dongguan Ryowo Cooling Tower Company Limited, a cooling tower factory in Dongguan, was successfully held on 16 September 2023. Approximately 30 participants joined this visit.



The insights and knowledge we gained during this technical visit deepened our understanding of the latest advancements in the cooling tower from material use, design, test standard and regulation. Together, we explored the knowledge of MiMEP, cooling tower principle, product validation process, energy efficiency measures and selection method.

One of the most fascinating aspects of our visit was learning about the plume abatement and plume modelling at their laboratory. We were introduced various plume abatement systems and application of Internet of Thing (IoT) as

a predictive maintenance measure that have revolutionized the industry. It was incredible to witness how these innovations streamlined processes and enhanced overall cooling tower performance. Moreover, our discussions with the factory experts enlightened us about the vital role cooling towers play in HVAC systems.

Our visit to the cooling tower factory was an eye-opening and enriching experience. By innovation and keeping up with the latest state of art, we can continue to enhance our engineering profession and strive towards a sustainable future.



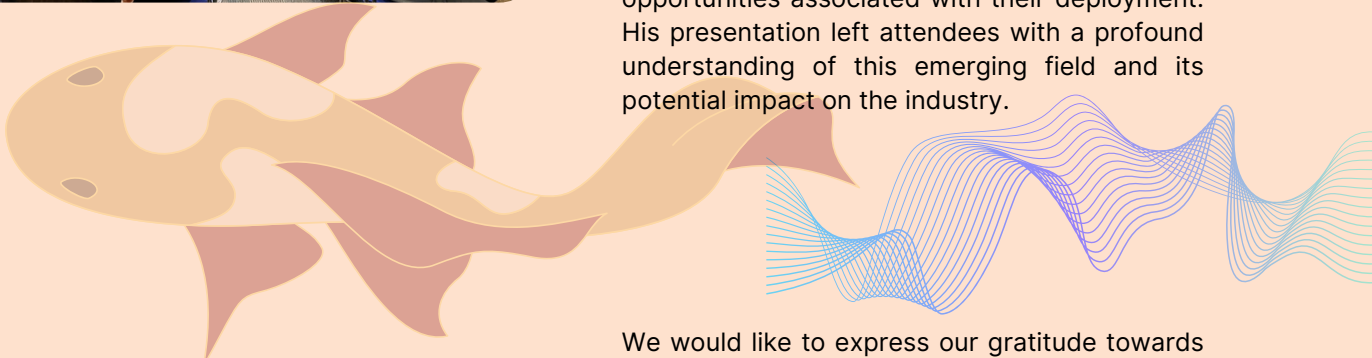
Technical Activities

Technical Seminar on Emerging Trend in Battery Energy Storage System (BESS) Technology Development and Applications



We have successfully organised a highly informative and engaging technical seminar on Emerging Trend in Battery Energy Storage System (BESS) Technology Development and Applications for CIBSE members on 6 November 2023.

We were honored to have Mr. Michael Leung, an esteemed speaker with extensive expertise in the field, share his invaluable insights. Mr. Leung provided a comprehensive overview of the various technologies and applications of BESS, delving into the challenges and opportunities associated with their deployment. His presentation left attendees with a profound understanding of this emerging field and its potential impact on the industry.



We would like to express our gratitude towards Mr. Leung for his exceptional presentation and willingness to share his expertise with our members. His deep knowledge and insights truly elevated the seminar and provided attendees with valuable practical knowledge.

The success of this technical seminar highlights the commitment of CIBSE Hong Kong Region to provide our members with cutting-edge knowledge and insights into emerging trends in the industry. We strive to continually organise informative events that empower our members and foster professional development.



Technical Activities

Technical Visit to the Hong Kong Jockey Club Conghua Racecourse (CRC) at Guangzhou

A technical visit to the Hong Kong Jockey Club Conghua Racecourse (CRC) at Guangzhou was organised on 9 December 2023, providing a unique opportunity to explore the facility and learn about its building services systems. The CRC, a world-class training facility for Hong Kong's thoroughbred racehorses, houses over 660 active, in-training horses across 150 hectares.

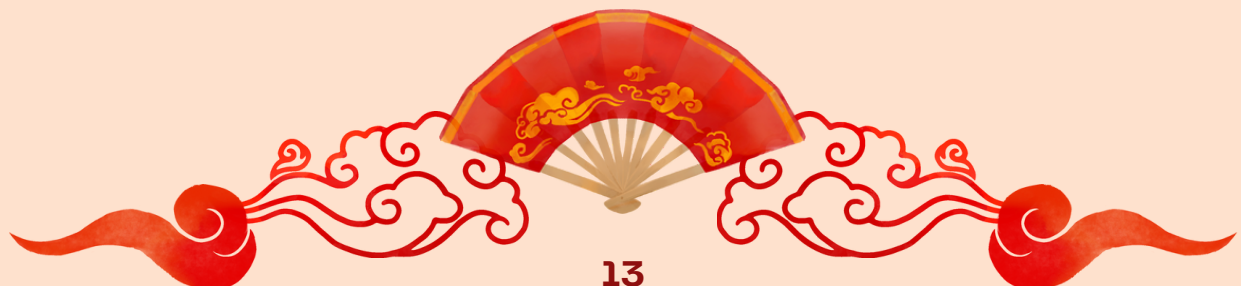
The visit began with a comprehensive introduction session, covering CRC's facility and Bio-security Awareness Training. Valuable insights were shared regarding plant facility management, operation and maintenance control, and future development plans, emphasizing the importance of building services for horse well-being.



The Jockey Club Plant impressed with its state-of-the-art facilities. Immaculate stables equipped with advanced technology ensured optimal environmental conditions. Compliance with local regulations and sustainability were evident priorities.

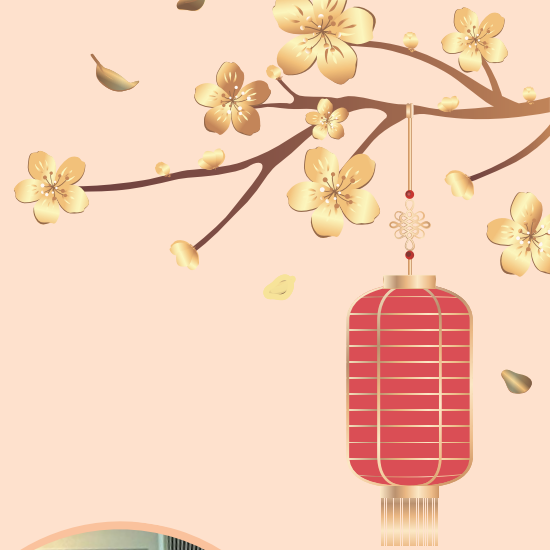
This visit deepened our appreciation for the dedication and hard work involved in horse training and maintenance. We thank the Hong Kong Jockey Club for allowing us to witness the magic firsthand. It was an unforgettable experience celebrating the beauty and grace of these incredible animals.

The event exemplified CIBSE Hong Kong Region's commitment to exploring best practices in the building services industry. It highlighted the profound impact our work can have on animal well-being. We extend our heartfelt gratitude to the Hong Kong Jockey Club for this opportunity.

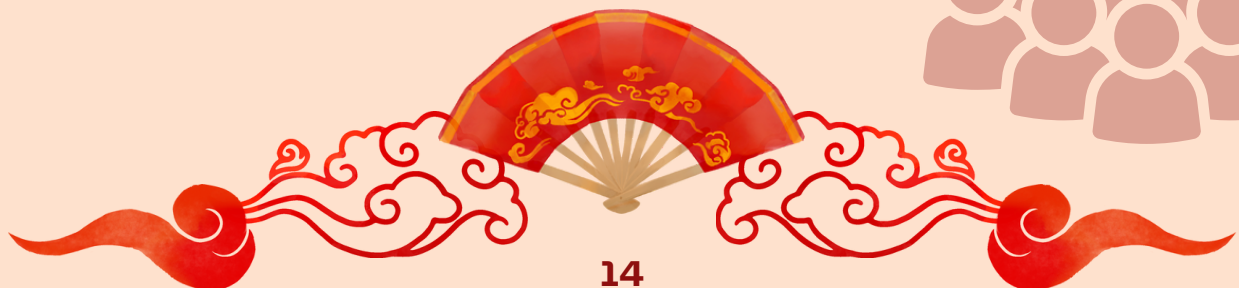


YEN Activities

Technical Seminar "Building Energy Efficiency Ordinance and the Roles of the Registered Energy Assessors"



A technical seminar on "Building Energy Efficiency Ordinance and the Roles of the Registered Energy Assessors" was successfully held by CIBSE YEN on 27 June 2023, with more than 50 engineers attended the session in the evening. It was our honor to have Dr. Kevin Wan as our guest speaker in the evening. This seminar offered the background of the BEEO and the latest code advancement on air-conditioning, lighting, electrical, lift and escalator installations and highlights the roles and responsibilities of Registered Energy Assessors (REA) under the BEEO 610B.



YEN Activities

YEN Connection Camping Trip



The camping trip was successfully held on 25-26 November 2023 at a private farm in Yuen Long. It provided a platform for fostering team bonding, enhancing communication, and creating a memorable experience with YEN members. We selected a picturesque campsite away from the hustle and bustle of the city, which had terraces and prairies. The collaborative effort in food preparation, sharing of camping gear, and setting up the camp laid the foundation for overall teamwork and camaraderie. The campfire and storytelling session created an intimate ambiance for members to share stories, jokes, and personal experiences. The shared experiences, laughter, and memories created during the camping trip will undoubtedly have a lasting impact on the members' future endeavors.



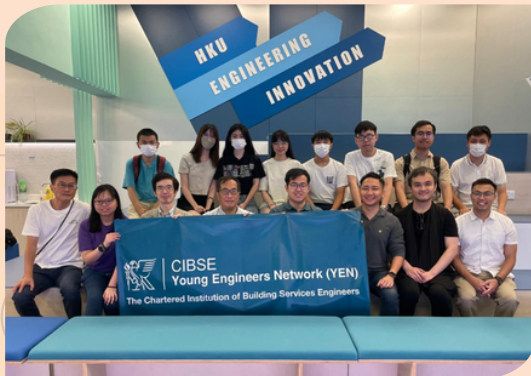
YEN Activities

HKU - Tam Wing Fan Innovation Wing Visit

CIBSE YEN organised a site visit and promotion talk at the University of Hong Kong (HKU) Tam Wing Fan Innovation Wing on 29 July 2023.

The event was also the first university event organised by CIBSE Hong Kong Region YEN since the pandemic. We were honoured to invite two distinguished speakers to share their experience and advice to our participants.

Dr. Benjamin Ho, the MSc Building Services Engineering program leader at HKU, introduced



our program and scholarship arrangement to fulfill the top up academic requirement of the CIBSE chartership. Ir Dr Peter Long, the Honorary Treasurer of CIBSE Hong Kong Region 2023/24 Committee, introduced the background information on CIBSE membership routes.

We are grateful to receive an overwhelming support from our guests, CIBSE YEN members, HKU students, and participants. It is a big motivation to receive all the appreciation and positive feedback after the tour, and we strive to provide more promising events in the future!

YEN Activities

CIBSE Hong Kong Region YEN Christmas Party 2023



The 2023 CIBSE Hong Kong Region YEN Christmas Party was successfully held on 15 December 2023. It was a memorable evening filled with joy, laughter, and a true sense of festive spirit. The party was held at a place adorned with beautiful Christmas decorations, including twinkling lights, vibrant ornaments, and a Christmas tree. Food and beverages were served at the party. Everyone enjoyed the big dinner and the chitchat during dinner time.

To ensure an unforgettable experience for our young members, we arranged a lineup of fantastic entertainment. Numerous engaging



activities and games were organised to foster our bonding and create a sense of camaraderie. From a fun-filled bingo game to a hilarious gift exchange, there was something for everyone to enjoy. The highlight of the evening was the lucky draw. Everyone tried their luck to bring away the extra happiness back home.

In summary, the Christmas party brought our young members together in the spirit of celebration and fostered a sense of unity. Everyone was allowed to unwind, connect, and create lasting memories.



YEN Activities

PolyU - Engineers of the Future: BEEE Engineer Pop-up

The Department of Building Environment and Energy Engineering (BEEE) of the Hong Kong Polytechnic University, in collaboration with CIBSE Hong Kong Region on 5 October 2023, offered an BEEE Engineer Pop-up sharing workshop to share insights from BSE field and briefly introduce latest trends in building services engineering. With a rich history spanning over 40 years in Hong Kong, we have our CIBSE Hong Kong Region Chair Mr. Gary Chiang sharing his valuable advice to all students in their engineering journey, inspiring their career development plan and expanding network.

Students at the Hong Kong Polytechnic University enjoyed the evening and managed to register as CIBSE Student Members right at the venue and started their journeys with CIBSE. We hope to see them in the near future!





Upcoming Events

CIBSE Hong Kong Region 45th Anniversary Dinner 2024

The CIBSE Hong Kong Region 45th Anniversary Dinner 2024 will be held on 14 March 2024 at JW Marriott Hotel Ballroom in Hong Kong. This year, we are honoured to have Mr TAI Sheung Shing, Victor, Under Secretary for Housing, on behalf of Secretary for Housing as our Guest of Honor. All members of the Chartered Institution of Building Services Engineers (CIBSE) and guests are cordially invited to join the Annual Dinner.

Technical Conference 2024 – Advanced Technologies in Water Engineering

A technical conference on Advanced Technologies in Water Engineering will be held on 15 March 2024 at Jockey Club Environmental Building. This conference provides the latest information of advanced innovative technologies in water engineering related to HVAC, water use and management as well as sustainability. Engineers with the above mentioned expertise will share their best knowledges with the aims of achieving carbon neutrality.

(Webinar) Certified Carbon Auditor Training Course

Webinar on Certified Carbon Auditor Training Course will be held on 10 – 13 April 2024. The course will include a mixture of tutor led training, group discussion and delegate activities and will be assessed through a 2.5 hour online examination. Training will focus on the application of the greenhouse gas accounting and reporting guide developed by the Hong Kong SAR Government and will also cover practical carbon auditing skills.

Technical Conference 2024 – Decarbonization Challenge for the Built Environment

A technical conference on Decarbonisation Challenge for the Built Environment will be held on 12 April 2024. This conference will provide the latest information of decarbonization strategies, progress and next-generation retro-commissioning. Professionals and practitioners on design, contracting, operations and facility management, academia and policy makers are cordially invited to join the conference.

For more information on the upcoming activities, please visit the official CIBSE Hong Kong Region website <https://www.cibse.org.hk/training-events?type=2>. Join us in shaping the future of building services engineering!



CIBSE Membership

If you haven't already, please remember to renew your CIBSE Membership for 2024. Reinstate your benefits and get 20% off all Training courses, unlimited downloads on the Knowledge Portal, access to CIBSE Mentoring and personalised support to achieve professional registration.

Renew Your Membership Now



PAY ONLINE

Your membership fees are overdue



ILEVE





Wishing you a prosperous and memorable year ahead!

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