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DRC's Message

Dear Fellow Region XIII compatriots,

As we wind down towards our Society's fiscal term for 2024-2025, I can assertively conclude that our Region XIII and all our Chapters have done very commendably well and surpassed past achievements.



It is very heartening to see our Regional Officers holding regularly discussions among their respective Committees for updates and constant sharing of ideas to improve and meet the targets set for our Region and respective Chapters. As per our Region unwritten leadership practice, we achieved Regional Full Circle once again.

We have also collectively decided to change some of our adopted past practices, notably pushing our RPM 1 towards the end of the year to allow more opportunities to meet regularly for more fruitful improvements in our regional operations. The slight format revisions in our latest CRC and RPM held, ensured there were more time for discussions of regional matters and also Society updates.

Our Region won many accolades in our Society Technology competitions. Our students also kept Region XIII's flag flying high with continual capturing of top spots in the Students' Design Competition. Congratulations to all our winners and I hope we continue to keep on winning more prizes.

Without strong support from everyone, we would not have a successful and another year of noteworthy achievements. I like to thank everyone for spending time and volunteering towards serving our members earnestly.

For the forthcoming new fiscal term 2025-2026, we shall not rest and will seek to improve further. I would like to welcome the new regional officers into the team and also all the incoming Chapter officers and BOGs. With many new emphases evolving within our Society, Region XIII and Chapters, there will be new posts to fill and more participations needed to fill these positions. For the appointed regional officers whom are my pillars of support and inspirations, my heartiest appreciations and thanks for continuing to serve in the next fiscal year.

I am sure with the commitments and enthusiasm I see among our Chapters' members, we will do better for the next fiscal term.

Thank you everyone from the bottom of my heart!!!



Leong Cheng Wee
Director and Regional Chair (2022-25)
ASHRAE Region XIII



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Regional Newsletter Editor & Webmaster (2022-25):
Wong Chun Sing
[email: cswong.ashrae@gmail.com]

ASHRAE Region XIII website:
<http://ashrae-region13.org>

Summary of the Report for 2024 Winter Conference in Chicago

Reported by *Leong Cheng Wee, Director and Regional Chair*

1. DRC/RMCR Forum

i. RPM 2

- RPM 2 will include Incoming Presidents' Chapter Workshop Training. Thus the incoming Presidents' attendance is required.
- If any Chapters whose President-Elects are unable to attend, please let me know as early as possible.
- The intent is to give a quick summary of duties and responsibilities as Chapter President. What to look out for and overall Chapter operations as well as to be aware of the Society and Regional goals to meet.
- For those Chapters whose Presidents are serving 2-year or more terms, please let me know who will be attending from their Chapter.

ii. Travel Reimbursements

- For Travel, members ATC is the Society's preferred travel agent to book the air tickets.
- All Chapters to take note that they have to update CIQ so that the staff processing the travel claims can verify that his/her position is entitled to travel reimbursement
- The Society encourages all to use ATC to avoid misunderstanding and misinterpretation during travel reimbursements.

iii. CRC Planning

- CRC is an important Regional event held annually.
- The task of being the CRC General Chair is daunting and unenviable volunteer duty.
- We have a checklist for CRC preparation to help the host Chapter to plan for the CRC. The Society MCO is also a good document to refer to.
- For Region XIII, we have many experienced Past CRC Chairs, Past & Present Regional Officers to assist the host Chapter if required. Also we have the most capable Regional Historian cum Secretary (KC Ng) and Regional Newsletter Editor and Webmaster (Dr. CS Wong) to rely on.

2. Rolling-Off and Incoming Regional Officers

- Some DRCs felt their new incoming Regional Officers may not be aware of their duties and knows what to do.
- In Region XIII, we have our principle that Regional Officers shall be Past Chapter Presidents so that they will have the experience and knowledge to serve in the Region.
- I also encourage and hope that outgoing Officers (Regional Officers and Chapter Officers) brief and coach their incoming successors of their experiences, unfinished goals and all important issues to look out for.
- A proper handing-over would be very helpful to the incoming officer.

3. DEI

- As far as I am aware, there is a Chapter DEI Officer in the Philippines Chapter. I am not sure if there are other Chapters having a DEI officer.
- Though there are many similarities, DEI is also somewhat different outside of USA and even among our Chapters in Region XIII. DEI is still infant in ASHRAE though there has been much advances being done.
- We have YEA to attract young Engineers, Women in ASHRAE, Women Society Presidents and within our Region XIII we have Women Chapter Presidents.
- DEI function currently resides within the MP Committee.
- The Society DEI Committee is an Advisory Committee to the Board and MP Committee. DEI resides within the MP Committee.
- Ir. Ong Ching Loon is the current appointed Region DEI Chair
- The Board approved the proposed DEI statement to be read at every ASHRAE meetings. However, there is an ad-hoc Committee formed to combine the Code of Ethics statement and the DEI statement.
- MP Committee has tabled a motion to make DEI a grass-root committee. Members Council is currently reviewing the motion for further advice to the BOD.
- It would be a challenge to have another Chapter position for DEI to be filled.

4. GTIC (Global Technical Interaction Committee)

- This is a new Committee formed to promote ASHRAE’s standards, technical information and any relevant materials to others internationally and globally.
- ASHRAE Standards are being referenced to and adopted as deemed suitable in many countries.
- A comparison between ISO standards and ASHRAE is being updated and would be available for reference and information.
- If any Chapter would like translation of the ASHRAE Standards, guides, etc to other languages please let Engr. Bill Wang or me know. GTIC will review the request on the work load, financial impact and returns.
- Should there be areas or topics that members/Chapters like ASHRAE to look into, please send to Engr. Bill Wang and me too.

5. New Board of Directors

Newly elected Society Officers for 2024-2025 will be announced by the Society shortly.

- New Treasurer
- 2 new Vice Presidents
- 2 new DALs
- 5 new DRCs

6. Task Force on Building Decarbonization

- 5 guides available now, 6 more currently under development
- Revisions to previously published Guides also available
- White House is interested in what ASHRAE doing on Decarbonization; 2 ASHRAE representatives were invited to share their thoughts with the White House representatives last September 2023.
- 4 Courses on Decarbonization available; Certification also available

7. Regional Merits for APCBE Steering Committee

- At last CRC in Taiwan, the Malaysia Chapter put up a motion for the APCBE Steering Committee members to be recognized and accorded with Regional Merits points.
- At the Chicago Winter Meeting, this motion was discussed at the Members Council Sub-Committee for Regions Operation.
- I explained the motion and all present agreed that our APCBE is a special Regional event that meets the criteria as mentioned in the Point Tally under Region Ad-Hoc or Special Assignment Committee Chair.

Nominating Committee Alternate	½/yr	<input type="checkbox"/>
*Other Regional Positions	½/yr	<input type="checkbox"/>
Regional ad hoc or special assignment committee chair	½/one-time only	<input type="checkbox"/>
Chair of regional event that supports Society ideals, such as technical sessions, seminars, sporting or social events	½/one-time only	<input type="checkbox"/>
Regional Technology or Paper award recipient	½/one-time only	<input type="checkbox"/>
*Example of other regional positions: e.g. DRC Alternate who serves at a Society meeting for DRC.		
(Max 2 per year)		
TOTAL POINTS		<input type="checkbox"/>

- However, the existing Point Tally for this category is a one-time only for the Chair. Thus I made a motion to revise it to ½ point per year for the APCBE Chair and ¼ point for the Steering Committee members.
- This motion will be referred to the Honors and Awards for recommendation to be approved. Financial and Staff Impact is none. Thus the motion by the Malaysia Chapter will be deferred and reviewed for approval after the motion to revise the existing Regional Award of Merit point tally form is approved.

Leadership Development through Regional Support (LeaDRS) Program

Reported by *Lin Bin*, Membership Promotion Chair, Macao Chapter



It is my great honor to participate the LeaDRS Program for shadowing DRC Mr. Leong Cheng Wee in 2024 Winter Conference, Chicago. Moreover, the robust support from ASHRAE's Macao Chapter added significant value to this opportunity.

Throughout the conference, I had the privilege of interacting with industry professionals from around the world, engaging in the exchange of experiences and insights. This not only broadened my professional perspective but also ignited a heightened passion for the fields of HVAC (Heating, Ventilation, and Air Conditioning) and refrigeration. The global impact of ASHRAE was palpable at the venue, and the active involvement of the Macao Chapter further contributed to the success of this event.

ASHRAE's LeaDRS program provided a unique platform for me to delve into the latest trends and innovative technologies within the industry. Through conversations with industry leaders, I learned how to address current and future challenges, gaining insights into best practices for sustainable development and energy efficiency across different regions.

I express sincere gratitude to DRC Mr. Leong Cheng Wee and Macao Chapter for their support, showcasing not only care for their members but also exemplifying the organization's unity.

This experience holds profound implications for my future career. In the ASHRAE family, I sensed the power of collective progress and the society operation. This experience marks a significant milestone in my professional journey, inspiring me to relentlessly pursue excellence and strive for the advancement of the industry.



CAR-ASHRAE in China Refrigeration Expo 2024

Society President, Ginger Scoggins, DRC, Leong Cheng Wee, Regional Officers and Chapter Delegates were invited to attend the CAR-ASHRAE activities in China Refrigeration Expo 2024 which was held on 8 – 10 April 2024 in Beijing. The exhibition provided a rich and exciting programme presenting the latest technological advances that reflect the most significant developments and achievements in the industry.



With seminars devoted to the hottest topics in HVAC and refrigeration, 2024 International Symposium on Advances in High-Efficiency Cooling and Heating Technologies and Standardization Research & 2024 CAR-ASHRAE Technical Seminar were also held.



2nd Regional Planning Meeting (2023-24) in South Korea

Reported by *Minki Sung, South Korea Chapter President*

The day before RPM-2 took place, participants were invited to a dinner. Approximately 40 people attended and had a delightful time at an Italian restaurant located in the ECC building of Ewha Womans University, the venue for RPM-2.



RPM-2, held on 25 May 2024, at the Lee Sang Bong Hall in the ECC building of Ewha Womans University, was attended by a total of 43 participants, including the Regional Officers and President-elects from 10 Chapters. In the morning, each chapter shared their current activities and plans and discussed regional issues. In the afternoon, there was a workshop for the President-elects. In the evening, we enjoyed a dinner at a Korean restaurant near Seoul City Hall.





Reported by
Gadam Sivakumar
Regional Vice Chair
Chapter Technology
Transfer

Chapter Technology Transfer Update

RXIII CTTC had completed the year 2023-24 with a good show from all chapters and started planning for the new year 2024-25 during the RPM2 at South Korea along with incoming Presidents.

CRC 2023 Taiwan: CTTC workshop has been attended by 8 chapters chairs and the planning and execution for the entire year has been well managed by all chapters.

DL : RXIII managed to hold 17 DL events even though Society allocated 12 and managed many multi-chapter visits to drive decarbonization drive by CTTC.

Tech awards : Japan, Hong Kong and Singapore chapters won society level awards for 2023-24.

PAOE : All chapters achieved PAR 1050 points for 2022-23 and the new year 2023-24 the PAR increased to 1500 and requested all chapters to achieve this year too.

RXIII CTTC Chapter Committees follow up

DL events

S.No	Host Chapter	Society allocated DL visit	Lecturer	Co-host Chapters / other Events
1	Taiwan	18th Aug 23	Dr. Chandra Sekhar	CRC 2023
2	Malaysia	7th Sep 23	Dr. Maarwa Zawari	Marvex MY/ Singapore 11Sep
3	Malaysia	3rd Nov 23	Luke Leung	APCBE MY/ 1 Nov24 Singapore
4	Hong Kong	9-10 Nov 23	William Bahnfleth	3 events in Hong Kong including meeting with Govt agencies
5	Philippines	9-10 Nov 23	Daniel Nall	Two events in Philippines
6	Philippines	5th Dec23	Robert Bean	Indonesia co-host on 7Dec23.
7	Hong Kong	8-10 Jan 24	James Vallort	Japan co-host on 12th Jan
8	Thailand	11-Jan-24	Rupesh Iyengar	
9	Singapore	21st Feb 24	Dennis Knight	23rd Feb24 / Indonesia
10	Malaysia	4-9th Mar24	Wei Sun	Philippines and Vietnam co-host
11	Hong Kong	15-Mar-24	Chandana Dolugoda	Co-host by Thailand
12	Hong Kong	8-17 Apr24	Luke Leung	South Korea co-host.
13	Singapore	18-19 Apr24	Max Sherman	DL panel/AIVC event in Singapore
14	Singapore	18-19 Apr24	Bjarne W.Olesen	DL panel/AIVC event in Singapore
15	Taiwan	26-Apr-24	David Schurk	35th Anniversary of Taiwan chapter
S.No	Host Chapter	Non-allocated DL visit	Lecturer	Co-host Chapters / other Events
1	Indonesia	19th Apr 24	Steve Kujak	Steve also attended RTOC
2	Singapore	18-19 Apr24	Dr. Chandra Sekhar	DL panel/AIVC event in Singapore

RXIII 2023-24 - DL Events

Society allocated = 12

Total conducted = 17

RXIII: Some of the recent DL & Decarbonization events conducted:



Indonesia Chapter – Robert Bean



Philippines Chapter – Robert Bean



Hong Kong Chapter – James Vallort



Japan Chapter – James Vallort



Philippines Chapter – Daniel Nall



Thailand Chapter – Rupesh Iyengar



Indonesia Chapter – Dennis Knight



Singapore Chapter – Dennis Knight



Philippines Chapter – Wei Sun



Vietnam Section – Wei Sun



Hong Kong & Thailand Chapters - Chandana Dalugoda



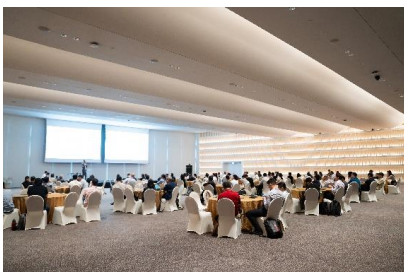
Luke Leung - Hong Kong & South Korea Chapters



ASHRAE & AIVC Technical Conference - Singapore Chapter



Indonesia Chapter – Steve Kujak



DL Panel : Chandra Sekhar, Max Sherman & Bjarne W. Olesen



Taiwan Chapter – David Schurk



**Technical Webinar –
Project Sharing on Awarded Energy Efficient Buildings in Asia Pacific Region**

Thanks to Hong Kong Chapter’s initiative:

First ever cross chapter webinar of Region XIII was successfully conducted on 7 June 2024. Regional/Society Technology awardees from various chapters showcased their award-winning projects and innovative technologies to more than 450 participants on-line.

ASHRAE Technology Awards

Society Level Technology Awards 2023-24:

- Japan Chapter won the First Place and Award of Engineering Excellence for the 2023-24 Technology Awards Competition in the category of Health Care Facilities (New). Great achievement once again by Japan Chapter.

First Place and Award of Engineering Excellence
 Hiroki Yokoyama
III: Health Care Facilities (New)
 Obihiro-Kosei General Hospital
 Tomohito Sakai, Owner Representative

FIRST PLACE
 Chun-Sing WONG, Chun-Kei NG,
 and Kin-Kwok LAM
II: Other Institutional (EBCx)
 Sha Tin Racecourse Grandstand

- Great achievement by Hong Kong Chapter for winning the First Place in the “Other Institutional (EBCx)” category.
- Japan Chapter also won the Second Place in the “Commercial Buildings (New)” category.

Second Place
 Yuka Mutoh, Kentaro Kimura, Yasunori Akashi,
 and Shin-ichi Tanabe
I: Commercial Buildings (New)
 Takasago Thermal Engineering Innovation Center
 Kazuhito Kojima, Owner Representative
 Region XIII, Japan Chapter

Honorable Mention
 Bertrand Lasternas
II: Educational Facilities (EBCx)
 SDE1 National University of Singapore
 Koh Yan Leng, Owner Representative

- Good achievement by Singapore Chapter for winning the Honorable Mention in the “Educational Facilities (EBCx)” category
- Appreciate the efforts from Japan, Hong Kong and Singapore Chapters for keeping the RXIII Flag flying high in the ASHRAE Global competition. It is recommended and wish that other Chapters follow in their footsteps and start to prepare for the next year competition.
- Request Chapter chairs to encourage members & companies for Chapter/Regional/Society level submissions
<https://www.ashrae.org/membership/honors-and-awards/technology-awards-program-overview>

PAOE (Presidential Award Of Excellence)

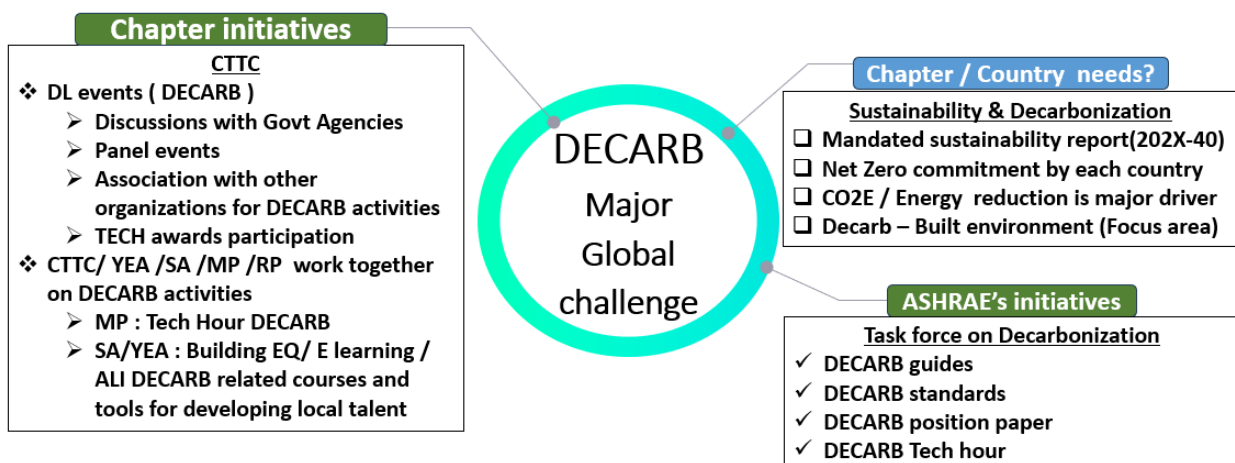
- As Society measures the chapter level development/progress/ activities through PAOE points, chapters have been consistently following up with PAOE and the progress update for the RXIII PAOE points as of 11 June 2024 is captured below.

REGION XIII											
2023-2024 Presidential Award of Excellence (as of 11th June 2024)											
*Minimum and PAR points indicated are for 2023-2024											
Chapter	Chapter Name	MP Min 1000; PAR 1600	SA Min 500; PAR 800	RP Min 800; PAR 1050	History Min 100; PAR 300	Comms Min 300; PAR 700	Chap Ops Min 600; PAR 1200	CTTC Min 550; PAR 1500	GA Min 500; PAR 1000	YEA Min 300; PAR 800	Chapter PAOE Totals
142	SINGAPORE	2060	1105	2432	700	1145	2150	4650	1600	2025	17867
143	HONG KONG	2925	1865	1505	1050	1335	1770	6120	2400	3325	22295
149	MALAYSIA	2020	1740	1425	685	1250	2025	4390	3550	2050	19135
157	TAIWAN	2375	2475	1815	800	1145	4280	4450	1450	2550	21340
167	PHILIPPINES	2575	1445	1390	750	1515	3785	3300	2250	2750	19760
170	THAILAND	1660	880	1365	500	880	2050	2000	1350	1050	11735
183	INDONESIA	1855	1125	2050	550	1220	1460	3450	1350	1500	14560
194	JAPAN	675	480	1510	450	345	1555	2700	500	425	8640
195	SOUTH KOREA	450	660	1290	150	555	740	2050	250	200	6345
198	MACAO	300	60	1650	100	0	10	1000	150	1875	5145

- For CTTC PAOE points all chapters achieved PAR and Macao achieved minimum and will follow up to achieve PAR too. A fantastic achievement by all chapters.

Decarbonization Drive planning by RXIII

- Many initiatives are taken up by ASHRAE Society for Decarbonization of Built Environment. As part of CTTC follow up several ideas are being discussed at regional level how we can initiate our own programs to complement and drive Decarbonization by imparting the knowledge and knowhow at the chapter level. Some concepts were being discussed in the recently concluded RPM2 at Seoul.





Reported by
Albert Sin Yew Tek
Regional Vice Chair
Government Affairs

Government Affairs Update

As RVC-GAC of Region XIII, I had my second attendance at the ASHRAE Winter Meeting, Chicago, Government Affairs Regional Committees on 19 January 2024. There were discussions on several MBOs and their progress for SY23-24:

MBO 7: “Work with Global Technical Interaction Committee (GTIC) to facilitate sharing of information to avoid duplication of efforts, including through improved understanding of market needs and the tracking and adoption of ASHRAE standards and guidelines around the world.”

MBO 10: “Provide recommendations to the full committee on how best to increase the global scope of Government Affairs Committee work and increase participation of members outside North America in committee activities.”



ASHRAE Winter Meeting at Chicago, Government Affairs Regional Committees, 19 Jan 2024

Physical and Virtual Meetings	(2023 – 2024)	
	Dates	Attendances
GAC Workshop	19 Aug 2023	18
GAC Meeting no. 1	21 Oct 2023	17
GAC Meeting no. 2	30 Mar 2024	E-mail update
GAC Meeting no. 3	25 May 2024	RPM2 (Seoul)



Regional Planning Meeting 2 (Seoul), 25 May 2024

Hong Kong Chapter Highlights

Reported by *Peter Lam*, Hong Kong Chapter President 2023-2024



40th Anniversary Celebration Activities

Hong Kong Chapter continued to celebrate 40th Anniversary in 2024. Two more **roadshow promotions to Chueng Chau Government Secondary School and Aberdeen Technical School** were held on 17 January 2024 and 29 May 2024 respectively.



3rd Road Show @Chueng Chau Government Secondary School on 17 January 2024

4th Road Show @Aberdeen Technical School on 29 May 2024

The second **40th Anniversary Exhibition** was organized at the Foyer of Grand Ballroom, 1/F Crowne Plaza Hong Kong Kowloon East on 12 April 2024 that provided an open exhibition to present the 40th history of Hong Kong Chapter.



Besides the 40th Anniversary Exhibition, **Technical Conference on Decarbonization Challenge for the Built Environment** was also held at Grand Ballroom, 1/F Crowne Plaza Hong Kong Kowloon East on 12 April 2024. Ginger Scoggins (Society President) and Diane Wong (Under Secretary for Environment and Ecology) were invited to be Guests of Honour of morning session that the sub-theme was Decarbonization Strategies and Progress. Raymond Poon (Director of Electrical and Mechanical Services Department) was invited to be a Guest of Honour of afternoon session that the sub-theme was Next-Generation Retro-commissioning. With overwhelming responses, more than 200 participants to attend this full day technical conference.



Our 40th Anniversary Dinner was held at Grand Ballroom, 1/F Crowne Plaza Hong Kong Kowloon East on 12 April 2024. There were total 47 tables with more than 560 members and guests from Society, Region and Local to celebrate 40th Anniversary of Hong Kong Chapter together.

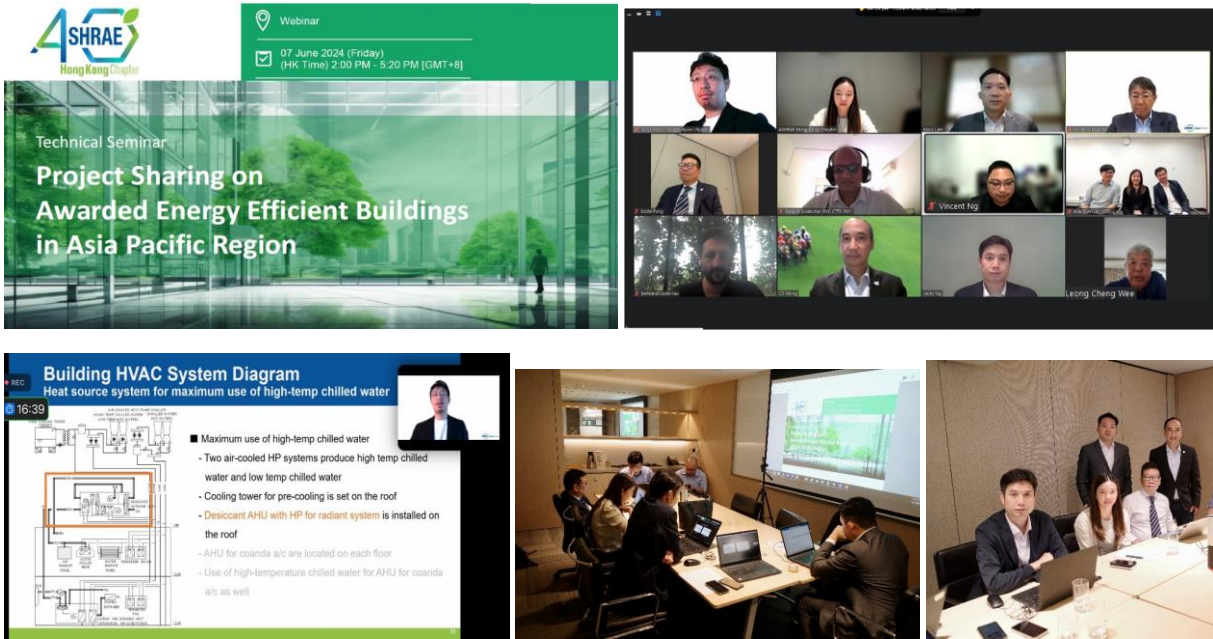


In this Anniversary Dinner, **40th Anniversary Booklet** was also published to address all significant histories of Hong Kong Chapter as well as Region XIII and all milestones of Hong Kong Chapter. We also invited all past presidents of Hong Kong Chapter to record their good old days in ASHRAE in this booklet. In addition, we invited Society President, Ginger Scoggins, DRC, Leong Cheng Wee, Regional Officers and Delegates from other Chapters in Region XIII to give us congratulatory messages for our 40th Anniversary. The 40th Anniversary Booklet can be found via the following link:- <https://online.fliphtml5.com/vgixx/gcld/#p=1>



Technical Webniar - Project Sharing on Awarded Energy Efficient Buildings in Asia Pacific Region that was the first ever cross chapter event of Region XIII was successfully conducted on 7 June 2024. Regional/Society Technology awardees from various chapters of Region XIII showcased their award-winning projects and innovative technologies at the presence of more than 450 participants on-line. It was truly a remarkable event that provided a platform for members of Region XIII to share their knowledges and experience in design and operation of energy efficient buildings in Asia Pacific Region. Hong Kong Chapter would like to take this opportunity to express her great gratitude towards the generous support of DRC, RVC (CTT), esteemed speakers from Japan,

Singapore, Malaysia and Hong Kong Chapters, CTTC chairs and Co-chairs of Region XIII, and the organizing committee members of this event.



ASHRAE Night 2024

ASHRAE Night 2024 was successfully held on 8 January 2024 with more than 100 members and non-members to join. ASHRAE Night is an annual sociable gathering for both ASHRAE members and non-members by meeting with our honorable speakers, guests, governors and officers of Hong Kong Chapter, other ASHRAE members and friends in the HVAC&R, energy sustainable and environmental related industries. Through this event, the attendees can widen their networks and know more about the organization of ASHRAE, its future planning, organization structure, reseach prmotion and members' benefits.





2024 ASHRAE Winter Conference in Chicago

The 2024 ASHRAE Winter Conference was held from 20-24 January 2024 at Marriott Marquis McCormick Place in Chicago. The conference provided attendees with the opportunity to learn about the latest technology in the built environment, as well as network with other professionals in the industry. In addition to the conference, AHR Expo was also held from 22-24 January 2024, at McCormick Place that the AHR Expo is the world's largest HVAC&R marketplace, featuring over 2,000 exhibitors and attracting more than 60,000 attendees from around the world.

The Winter Conference and Expo provided a great opportunity for experts, innovators and professionals from around the world to explore new concepts and trends, exchange knowledge and continue our mission of shaping a sustainable future for all.

It was a fruitful year for Hong Kong Chapter in 2024 Winter Conference. In Plenary Session on 20 January 2024, we were thrilled to see the outstanding project from Hong Kong to receive the ASHRAE technology award on the stage. Moreover, our Hong Kong professionals received the recognitions from ASHRAE Headquarters about their distinction and substantial contributions in HVRC&R. Great achievement and congratulations to our Hong Kong members:-

- ASHRAE Technology Award: First Place (EBCx Other Institutional Buildings) – The Hong Kong Jockey Club
- ASHRAE Fellows: Mr. KF Chan and Prof. Shengwei Wang



Joint CIPHExASHRAE Technical Conference 2024: Advanced Technologies in Water Engineering

Over 80 participants attended this technical conference that was jointly organized with the Chartered Institute of Plumbing and Heating Engineering on 15 March 2024. The aim of this joint technical conference was to provide the latest information of advanced innovative technologies in water engineering related to HVAC, water use and management as well as sustainability. The speakers shared their best knowledges with the aims of achieving carbon neutrality. In this conference, ASHRAE Distinguished Lecturer, Mr. Chandana N. Dalugoda presented the topic of HVAC Water System Designs.



Government Outreach with ASHARE Distinguished Lecturer

On 11 April 2024, Hong Kong Chapter President-Elect Taylor Chow, Government Affairs Committee Chair Tenny Tam, along with Distinguished Lecturer Luke Leung, met with government officials who serve as Senior Building Services Engineers to discuss building decarbonization and introduce the officials to ASHRAE. Tenny Tam, Taylor Chow, and Luke Leung reported having a great discussion about benchmarking, and international developments in decarbonization. They plan to collaborate in the future on issues regarding whole life carbon and Hong Kong’s plans to be carbon neutral by 2050.



International Conference on Building Data Acquisition, Ontology and Modelling

International Conference on Building Data Acquisition, Ontology and Modelling was successfully held on 24 April 2024. This event was jointly organized by Electrical and Mechanical Services Department (EMSD), Hong Kong Productivity Council (HKPC) and ASHRAE Hong Kong Chapter. There are over 200 participants joined the conference in person and over 300 participants joined through webinar. This conference covered BACent standard, Modelling and innovative digital technologies, such as IoT, cloud computing, and AI, across the lifecycle of existing and future buildings.



Taiwan Chapter Highlights

Reported by *Lin Hung Wen*, Taiwan Chapter President 2022-2024



The 35th Anniversary Celebration Banquet of the ASHRAE Taiwan Chapter

by *Lee Mu Chun*, Vice President & the 35th Anniversary Celebration Committee Chair, ASHRAE Taiwan Chapter

The 35th Anniversary Celebration Banquet of the ASHRAE Taiwan Chapter were grandly celebrated on 27 April 2024, at the Grand Hyatt Hotel in Taipei. This grand event brought together members, guests, and industry professionals to commemorate the rich history and contributions of this organization.



Distinguished Lecture:

Understanding the ASHRAE Advanced Energy Design Guide for Large Hospitals, Achieving 50% Energy Savings

Mr. David Schurk, a Distinguished Lecture of ASHRAE, delivered a wonderful and warmly received lecture. The topic of the lecture was "Advanced Energy-Saving Design for Hospitals by 50%," emphasizing sustainable practices and innovative applications in the HVAC systems of large hospitals.



Annual General Meeting: Heritage and Intergenerational Exchange

Under the excellent hosts, Miss Lily Hsu and Mr. Jacky Chen, President Lin successfully completed the business report and elected the new year-term President, Mr. Gavin Chang, at the same time. The presidential handover was completed under the supervision of Mr. Bill Wang. All members, whether student members, young generation members, or senior members, were enthusiastically invited to participate in this grand event. Among them, Mr. Yi-Jen Chiu, a Life Member over 90 years old who has participated in ASHRAE for more than 50 years, was also present, witnessing this important moment of ASHRAE Taiwan Chapter. The presence of this senior member not only symbolizes recognition of long-term support and contributions to ASHRAE but also adds more meaning and warmth to the celebration.



Life Members: Commemorating History

During the Banquet, the celebration honored the Life Members who have made outstanding contributions to ASHRAE and have continued to serve in ASHRAE for more than 30 years. We invited Life Members Mr. Jui-Fah Chou, Mr. Bill Wang and past president Mr. Uen-Hua Chao to share the history and stories of the ASHRAE Taiwan Chapter. They shared their personal experiences and deep emotions, recounting the development and growth of ASHRAE and sharing the chapter's development and significant milestones, consolidating continuity between generations.



After listening to the heartfelt and meaningful blessings from DRC Leong, the Taiwan Chapter invited Miss Tracy Pang, Regional Nominating Committee Member and Director of Technical Service, Fire Engineering of ARUP, to give a lecture. Her discussion on the application and examples of fire safety and decarbonization received enthusiastic responses and widespread discussion.



Glorious History

A highlight of the evening was the special cake-cutting ceremony to grandly celebrate the 35th birthday of the Taiwan Chapter. All past presidents were invited to gather on stage, holding knives to cut the celebratory cake together. This moment was not only a tribute to the hard work of the past 35 years but also a vision of infinite possibilities for the future.



Promoting ASHRAE: Interactive Quiz Game

To increase ASHRAE's visibility and attract more potential participants, the Taiwan Chapter held a quiz game about ASHRAE's history, organizational structure, membership benefit policies, and knowledge of ASHRAE applications in the HVAC industry. This method not only enlivened the atmosphere but also deepened everyone's understanding and recognition of ASHRAE.



The entire celebration concluded successfully amidst laughter and joy. This was not only a grand event looking back at the past but also an event that brought together the strength of members and looked forward to the future. Through this event, members reaffirmed their love and confidence in ASHRAE, expressing that they will continue to support and promote ASHRAE's concepts and purposes in their future work. ASHRAE Taiwan Chapter 35th birthday not only marks a milestone but also heralds a new journey, indicating an even more glorious future.



On behalf of the ASHRAE Taiwan Chapter, many thanks Mr. Cheng Wee Leong (DRC of Region RIII), Mr. Edward Tsui (past DRC of Region XIII), Miss Tracy Pang (Regional Nominating Committee Member) and Mr. Jason Kwok (The representative of the ASHRAE Hong Kong Chapter), for attending this big event.

Water System Seminar: The Integration of Theory and Practice

by **Chen Ju Sheng, Jacky**, YEA Chair, ASHRAE Taiwan Chapter

On 26 March 2024, the ASHRAE Taiwan Chapter, in collaboration with Metropole Industrial Co., Ltd., successfully hosted a seminar on water systems at the IMI Laboratory in Songshan District, Taipei City. The seminar featured Mr. Justin Shih, a senior manager and HVAC technician from IMI TA, who shared his expertise on water systems with the attendees.



Mr. Shih used slides to provide a detailed explanation of the evolution and development of water balance control valves. He illustrated the practical improvements in testing and adjustment through examples of products from different periods. Additionally, he used videos to further clarify the related principles, making it easier for participants to understand. The IMI Laboratory showcased a complete system of actual valves and was equipped with smart mobile devices to detect flow and opening information transmitted by the on-site valves. This setup allowed attendees to intuitively understand and operate the practical applications of water systems.



The seminar attracted many students from Taipei University of Technology and engineers from local industries. For these students, being able to see their textbook knowledge materialize in actual instruments significantly enhanced their learning experience and provided valuable practical experience.

As the event drew to a close, the incoming President of the ASHRAE Taiwan Chapter for 2024, Mr. Gavin Chang, invited everyone to enjoy pizza while sharing future plans for ASHRAE Taiwan activities. He warmly encouraged everyone to participate actively in upcoming events. This seminar not only enriched the participants' professional knowledge but also fostered academic exchange and interaction, making it a highly rewarding experience for all involved.