



ASHRAE Hong Kong Chapter

PRESIDENT MESSAGE



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Dear Fellow Members,

This is my honor and pleasure to be the 36th President of the ASHRAE Hong Kong Chapter. First of all, I have to extend my sincere gratitude to our Outgoing President, Mr. S H Wong and all the Committee Members in 2018-19 for their great contributions particularly for the 35th Anniversary Events to Hong Kong Chapter.

At the beginning of 2019-20, Hong Kong Chapter organized a retreat for officers, governors and committees to brainstorm the roadmap beyond 2020. This is being good start for the team to communicate and review the perspectives of Chapter Operation, Technology Sharing, Professional Recognition, and Collaboration with other Societies and Institutions. Also, the expectation from members, young engineers and students had been addressed.

This year, the theme of Society President Darryl K. Boyce is "Building for People and Performance. Achieving Operational Excellence". Operational Performance is an important process in the management of a building. Buildings often fall short on operating to the expectations of the building designers and operators. This is because designers are not always focused on operability during the design process and operators frequently do not possess the proper to skills to adequately operate the technology incorporated into today's buildings. ASHRAE and its members must take an active role in the ongoing training, engagement and action toward reducing the gap between design, construction and operations.

2019 is being a challenging year in Hong Kong. Several seminars and activities for members in the past few months had been rescheduled or cancelled. I hope you would understand and keep support to Hong Kong Chapter. Various activities and technical seminars such as ASHRAE Night, Hong Kong Joint Symposium and ASHRAE Distinguished Lecturer seminars are now being organized and arranged in the coming two quarters. I look forward to see you in the coming events.

As well as the Chapter activities, I am happy to share a good news to you. Recently Hong Kong Chapter has been recognized the excellent results of 2018-19 for Presidential Award Of Excellence, Membership Promotion, Research Promotion from Region XIII ; and the Technology Award 2019-20 (Honour Mention) from ASHRAE Society.

Last but not least, I would like to take this opportunity to express my heartfelt thanks and appreciation to Governors, Officers and Committees for their tremendous efforts, commitment and achievement. All members are the backbone of the Society and Chapter, we would not be so successful without your continuous support.

Jacky C K Ng
President 2019 -20
ASHRAE Hong Kong Chapter

CHAPTER TECHNOLOGY TRANSFER

ASHRAE Distinguished Lecturer Series

Technical Seminar on Building Commissioning and Retro-Commissioning with Practical Application + Experience Sharing

Commissioning for both new constructions and existing buildings play important roles for system optimization with a goal of energy savings especially for HVAC&R systems.

10 October 2019, we arranged an evening technical seminar on 'Building Commissioning and Retro-Commissioning with Practical Application + Experience Sharing' and invited 3 experienced speakers - Mr. Ross D. Montgomery, Distinguished Lecturer from ASHRAE, Dr. Qingpeng Wei from Tsinghua University and Mr. Charles Chau from CLP Power Hong Kong Ltd. to present the latest technology in RCx and share their experience with over 50 engineering professionals.

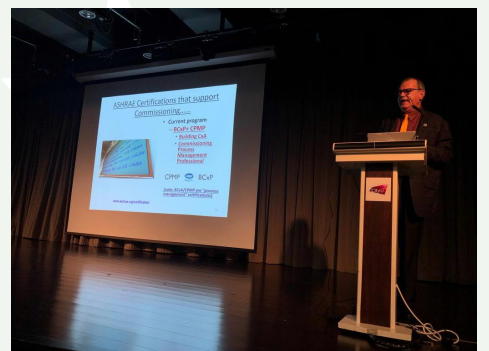


IMPROVING BUILDING ENERGY EFFICIENCY By Retro-Commissioning

We joined as the Co-Organizer with BSOMES, EIHK, HAEE, HKGBC, HKIE-BSD and HKPC to organize the half-day seminar - 'IMPROVING BUILDING ENERGY EFFICIENCY By Retro-Commissioning' which organized by CityU on 11 October 2019.

Mr. Ross D. Montgomery, Distinguished Lecturer from ASHRAE was invited as one of key speakers to share his experience in RCx with all participants.

It was a good platform to facilitate professional exchange and networking between the industry and academia to promote retro-commissioning of buildings for improving energy efficiency and reducing carbon emissions. Over 150 engineering professionals attended this half-day seminar.



Reported by: Mr. Jason Kwok

ASHRAE HKC CTTC Chair (2019-2020)

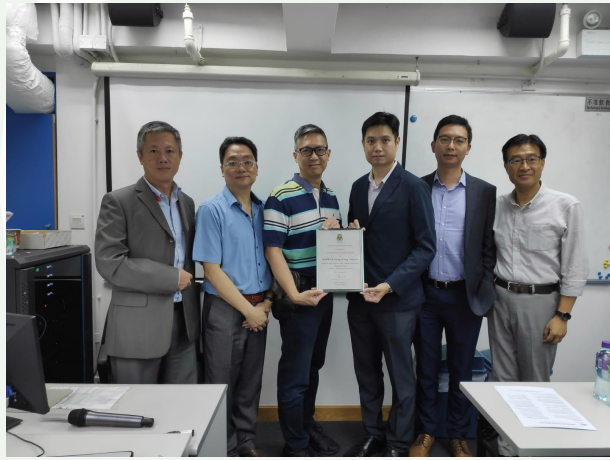
MEMBERSHIP PROMOTION

The membership promotion activities were held on 21-9-2019, 28-10-2019 and 9-11-2019 for the second half of 2019.

Join ASHRAE THEI Student Branch Welcome Party at Kwun Tong on 21-9-2019



Membership Promotion to AIBE on 28-10-2019



Membership Promotion to Southa Group on 9-11-2019





RESEARCH PROMOTION

RP walk 2019

Research Promotion (RP) Committee of ASHRAE Hong Kong Chapter has held the RP walk for our member since 2010. The aims of RP walk not only to raise funding for ASHRAE research, also to remind our member to enjoy the nature environment in Hong Kong with their family members, friends and colleagues...



The 10 year anniversaries of RP walk was held on 23 November 2019 to visit Ma On Shan Country Trail, walk from Ma On Shan to Sai Kung via Ngong Ping Campsite. We have totally 33 participants including kids, students and professionals.



On the day we started walking at 11:30 from Ma On Shan Country Park. During the walk, we traveled across the Ngong Ping Campsite, which is a beautiful place to have an aerial view of Sai Kung. We arrived Sai Kung in 15:00, all participants experienced a wonderful and enjoyable country walk during these 3 hours.

Company Sponsor
Belimo Actuators Ltd
Netsphere Solution Limited
Ever Cool Refrigerating & Air Conditioning Co. Ltd.

We would like to thank all the participants and donors to support and contribute to ASHRAE Research, we raised over HK\$65k (US\$8.3k) through this event.

Reported by: Mr. Andy LO

ASHRAE HKC RP Chair (2019-2020)



RESEARCH PROMOTION

Appreciation to 2018-2019 ASHRAE Investor

Individual Sponsor	Coin
Mr Tsz Lung Tam	Antique
Mr Hon-Yue Woo	Antique
Mr Ho Fai Harvey Go	Antique
Mr Calvin C H Tang	Antique
Mr Siu On Lo	Antique
Miss Mun Wai Pun	Antique
Dr Sam C M Hui, PhD	Antique
Ms Ching Man Tracy Pang	Antique
Mr Wai Keung Pau	Antique
Ms Chiu Wah Lee	Antique
Mr Wan Fuk Lin, Eng	Antique
Mr Ka Leung Sung	Antique
Mr Yat Sing Kwok	Antique
Mr Wai Tong Wallace Yip	Antique
Mr Chun leung Lau	Antique
Mr Hung Man Huang	Antique

Individual Sponsor	Coin
Mr Chun Kei Ng	Antique
Mr Joe Chow	Antique
Dr Chun-Sing Wong, PhD	Antique
Mr Edward Ka Cheung Tsui	Antique
Mr Chiu Ying-Fu	Antique
Mr Tin Kuen Ng	Antique
Mr David K L Chiu	Antique
Miss Yan Yi Tse	Antique
Mr Wing Kit Wan	Antique
Mr Ming-Ngai Lo	Antique
Mr Peter Y H Lam	Antique
Mr Ying Wai Lam	Antique
Miss Yin Ka Wong	Antique
Mr Liu Lizheng	Antique
Mr Chi Fung Taylor Chow	Bronze
Mr Shu Hung Wong	Bronze

Company Sponsor	Coin
Sustainable Energy	Antique
Belimo Actuators Ltd	Antique
Wardson Engineering Ltd.	Antique
Hong Kong Air-Conditioning Parts Centre	Antique
Daikin Air conditioning (Hong Kong)	Bronze
Intelligent Technologies Ltd	Bronze
Trane Hong Kong	Bronze
DEOS Control Systems GmbH	Bronze
Telex Environmental and Energy Management Limited	Bronze
Netsphere Solution Limited	Silver
FSE Engineering Group Ltd.	Silver
Ever Cool Refrigerating & Air Conditioning Co. Ltd.	Silver
Mesan Fiberglass Engg Ltd	Gold



On behalf of the RP committee, we would like to express our sincere thanks for the donors' contribution and we look forward to organizing various events to have more fundraising to our ASHRAE Research in the coming year.

RESEARCH PROMOTION

RP walk: 10-year History

For fundraising to support ASHRAE Research, Hong Kong Chapter has organized an ASHRAE Research Promotion (RP) Walk since 2010. It is not only a fundraising event, but also an annual social gathering for all ASHRAE members, sponsors and even non-members to enjoy the beautiful scenery of countryside in Hong Kong during the country walk. Other than members from Hong Kong Chapter, there were so many participants from overseas, like William Bahnfleth, Jane Underwood, Peter Simmonds, John Rieke & his family, Leong Cheng-Wee & his spouse, Den Low & his family joined the past RP Walks. The details of the RP Walks from 2010 to 2019 are listed as below:-

<u>Sequence</u>	<u>Route</u>	<u>Date</u>	<u>Fundraising Amount / No. of Participants / Distance</u>	<u>RP Chair</u>
1st	Lamma Island	7 Nov 2010 (Sun)	US\$ 5,210 / 40ppl / 5km	Wong Chun-Sing
2nd	Tung Ping Chau	20 Nov 2011 (Sun)	US\$ 2,170 / 50ppl / 6km	Dennis Tung
3rd	Tung Chung to Tai O	25 Nov 2012 (Sat)	US\$ 3,850 / 36ppl / 17km	Tenny Tam
4th	Mai Po	16 Nov 2013 (Sat)	US\$ 5,130 / 56ppl / 3.4km	Joao Wong
5th	Sai Kung National Geopark	25 Oct 2014 (Sat)	US\$ 11,000 / 55ppl / 4.8km	Jacob Yiu
6th	Tai Tam Country Park	21 Nov 2015 (Sat)	US\$ 7,341 / 50ppl / 10km	Patrick Huang
7th	Dragon's Back	19 Nov 2016 (Sat)	US\$ 10,490 / 68ppl / 9.5km	Joe Chow
8th	Wu Kau Tang to Lai Chi Wo	11 Nov 2017 (Sat)	US\$ 12,000 / 60ppl / 12km	Jason Kwok
9th	Shing Mun Reservoir	24 Nov 2018 (Sat)	US\$ 9,750 / 40ppl / 10km	Taylor Chow
10th	Ma On Shan Country Trail	23 Nov 2019 (Sat)	US\$ 8,300 / 33ppl / 6.5km	Andy Lo

The photos of each RP Walk from 2010 to 2019 are shown in the next page of RP Walk Photo Collection.

For celebrating the 10th Anniversary of ASHRAE RP Walk, the founder, Wong Chun-Sing designed the 10th logo & produced memorial pins to thank all the participants of RP Walks:-



All fundraising amount in RP Walks had been 100% contributed to ASHRAE Research. During these 10 year RP Walks, Hong Kong Chapter has achieved the following figures:-

TOTAL Fundraising Amount	-	US\$75,241
TOTAL No. of Participants	-	488
TOTAL Walking Distance	-	84.2 km

RESEARCH PROMOTION

1st ASHRAE RP Walk - Lamma Island on 7 Nov 2010 (Sun):



2nd ASHRAE RP Walk - Tung Ping Chau on 20 Nov 2011 (Sun):



3rd ASHRAE RP Walk - Tung Chung to Tai O on 25 Nov 2012 (Sat):



4th ASHRAE RP Walk - Mai Po on 16 Nov 2013 (Sat):



5th ASHRAE RP Walk - Sai Kung National Geopark on 25 Oct 2014 (Sat):



RESEARCH PROMOTION

6th ASHRAE RP Walk - Tai Tam Country Park on 21 Nov 2015 (Sat):



7th ASHRAE RP Walk - Dragon's Back on 19 Nov 2016 (Sat):



8th ASHRAE RP Walk - Wu Kau Tang to Lai Chi Wo on 11 Nov 2017 (Sat):



9th ASHRAE RP Walk - Shing Mun Reservoir on 24 Nov 2018 (Sat):



10th ASHRAE RP Walk - Ma On Shan Country Trail on 23 Nov 2019 (Sat):



STUDENT ACTIVITIES

Joint Student Branches Annual General Meeting 2019

Joint Student Branches Annual General Meeting (SB AGM) was conducted successfully on 12th October 2019 at Thei (Tsing Yi) campus. The presentation of annual report by Immediate Past Presidents (IPP) of Student Branches had recalled many memories. And then the handover procedure follow up by the new SB presidents & committees introduction. The SB cert and flag also transferred from IPP to the current President. Every president presented their own year plan for the upcoming years and we hope the fruitful year is coming to all. Also, we would like to take this opportunity to thanks for HKC president – Mr. Jacky Ng and Distinguished Lecturer – Mr. Ross D. Montgomery gave us the speech.



Student and Young Engineer Technical Visit to Galaxy Macau

This is a SA, SB & YEA joint chapter event with Macau Chapter. With the well organization by Macau chapter, we had a plentiful day in Macau and know more the culture from other city with similar background of Hong Kong. We arrived Galaxy Macau in the morning and visited the chiller plant room, cooling towers & the others E&M rooms. Difference from Hong Kong buildings, E&M system in Galaxy is serving a great scale resort with hotels, casino, shopping mall and water theme park. Those system and related operation ideas are valuable for us to get some difference concept from Hong Kong typical commercial building. After the visit, there is a cultural and academic exchange session with lunch at a local Chinese restaurant. The students and youth engineers from two cities got a good chance to build up their new social network.



YOUNG ENGINEERS IN ASHRAE

Future Engineers Project 2019

Theme

The theme of FEP 2019 is “STEAM up a Smart Campus”. As the name suggests, we aim to promote STEAM (Science, Technology, Engineering, Arts, Mathematics) education to secondary school students complemented by working on a project about Smart Campus under the mentorship of practicing engineers.

Mentorship

Each Society have to arrange at least two engineers to guide the secondary students about modern smart technologies adopted in buildings and constructions. ASHRAE Hong Kong Branch invited our Treasurer – Ir. Patrick Huang and some committee members from YEA (Jimmy Cheng, Michael Shum, Ricky Lau, Ricky So, Roger Law, Vincent Kwong) to serve as a mentor to promote the engineering industry.

Some students from Local Universities (e.g. Daniel Chan from City University of Hong Kong, Cathy WU and Vincent Kong from Hong Kong Polytechnics University) are involved in FEP 2019 to support and assist the mentors to distribute some innovative ideas for their drama presentation on the closing ceremony, which was held on July.

Activities Arrangement

Throughout the five-month programme, several technical visits, seminars and workshops were be arranged for students to join in order to give them some insights on design thinking, the significance of engineers’ roles in society and the latest smart and green technological applications.

February	Opening Ceremony and Design Thinking Seminar (Speaker: Ir.Dr. Victor Lo)
March	Technical visit on EMSD Gallery
April	TRIZ Seminar (Speaker: Ir.Dr. Victor Lo)
May	Technical visit on Zero Carbon Building
July	Closing Ceremony cum Awards Presentation



Reported by: Mr. Billy NG

ASHRAE HKC YEA Co-Chair (2018-2019) cum FEP Vice-Chairman

YOUNG ENGINEERS IN ASHRAE

YEA Baking Workshop

ASHRAE HKC YEA has held the Baking Workshop on 21 September 2019 at Foodie Buddies. It is the first activity organized by ASHRAE HKC YEA in 2019/20.

There were totally 23 people attended to this event. Our YEA chairman, Mr. Paul Tsang introduced about ASHRAE and promoted membership during the event.

Tutor from Foodie Buddies introduced macaroon baking process with demonstration to our participants. At the same time, some further knowledge, such as different style macaroon, relationship between indoor air condition and final macaroon product, was instructed and most of the participants finished successfully. The comments received shows the workshop is rewarding and worth to have a second class.

The event started from 10:00 and ended at 13:00. After all, the event was successfully completed. ASHRAE YEA promoted our organization to the young engineers and student. The baking workshop became a platform for them to exchange ideas and build up their network.

Reported by: Mr. Eugene Hui

ASHRAE HKC YEA Committee (2019-2020)



YOUNG ENGINEERS IN ASHRAE

YEA Career Talk

ASHRAE HKC YEA and SA held the Career Talk on 5 November 2019 at The Hong Kong Polytechnic University.

There were totally 45 people attended this event. Our YEA chairman, Mr. Paul Tsang introduced ASHRAE and promoted the membership during the event.

Speakers from different sectors including contractor, consulting firm, government department and supplier have shared their working experience and respective job nature with the participants and provide guidance on their doubts on career development.

The event started from 19:00 and ended at 21:00. After all, the event was successfully completed. ASHRAE YEA and SA promoted our organization to the young engineers and students. The event provided a platform for the participants to get familiar with the engineering industry as well as share their ideas with each other.

Reported by: Mr. Jacky WO

ASHRAE HKC YEA Committee (2019-2020)



YOUNG ENGINEERS IN ASHRAE

YEA Leadership International 2019

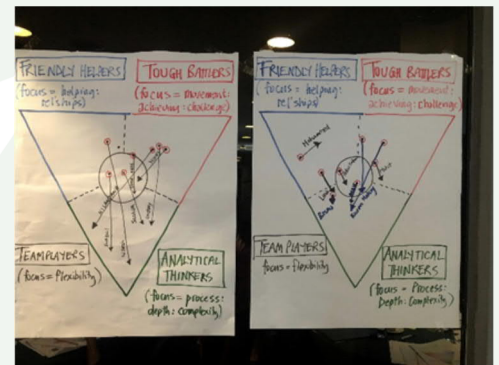
The YEA Leadership International (YLI) 2019 was held from November 15 to 17, 2019 at hotel "Ramada Downtown Dubai" in Dubai. The future leaders of ASHRAE are coming together to have a weekend of networking, leadership coaching, and cultural exchange. Two of our YEA representatives from Hong Kong, one representative from Macau. Paul, Taylor and Locus had visited this full of Arab and Islamic culture city to join this annual event organized by ASHRAE.

Tricia Evans, the professional Business coach who has long- term experience in business coaching. She is the facilitator of this three-days training workshop. Young engineers had the opportunity to attend lectures and a very interesting and useful workshop led by Tricia Evans.

This event gathered young engineers from more than ten countries, not just coming from Hong Kong and Macau, also from America, Dubai, India, Pyramid, Sri Lankans, Lebanon, Egypt, etc.

Topic discussed in YLI:

1. Understanding the big picture
2. Personal goals that go way beyond work
3. What managers and leaders actually do
4. How to stand out at work
5. What successful people have in common
6. Difference between "Manager" and "Leader"



Participants dealt with issues of functioning in a team, understanding how other people perceive them and how to deal with people different from them. They learned a lot about themselves and about their place in team in a corporate environment.

On the last day, participants had to define their own weaknesses and shortcomings and come up with idea of how to improve them.

We truly encourage young professional to take the chance of joining YLI in future to develop their leadership and management skill in the beginning of their career.

Reported by: Mr. Paul Tsang

ASHRAE YEA Committee Chair (2019-2020)



YOUNG ENGINEERS IN ASHRAE

YEA EMSD Tour on Education Path

ASHRAE HKC YEA and SA have held the captioned technical visit on 30 November 2019 at EMSD Headquarters.

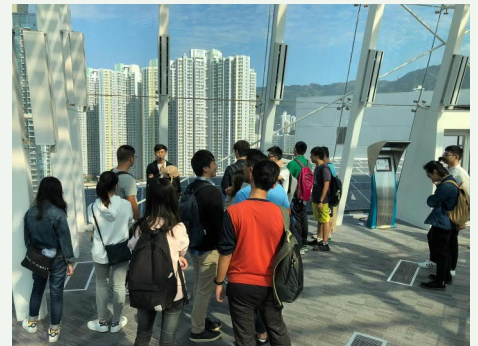
There were totally 25 people attended to this event. Our YEA chairman, Mr. Paul Tsang introduced about ASHRAE and promoted membership during the event.

The education path speakers have shared the development of green building technologies and works of EMSD that were closely related to daily life of people. The participants could explore the applications thereof through the exhibition of EMSD Gallery, Rooftop Viewing Gallery and Innozone.

The event started from 10:30 and ended at 12:00. After all, the event was successfully completed. ASHRAE YEA and SA promoted our organization to the young engineers and student. It demonstrated the features of EMSD for the participants to recognize the application of innovative and renewable technology.

Reported by: Mr. Victor WAN

ASHRAE HKC YEA Committee (2019-2020)



CHAIR	Mr. TSANG Pok, Paul
CO-CHAIR	Ms. CHAN Wai Man, Daphne / Ms. WONG Tan Ting, Kitie
MEMBER	Ms. YIP Yuk Ying / Ms. WONG Tsz Kwan, Chris / Mr. WAN Wing Kit, Victor / Mr. NG Tin Kuen / Mr. Hui Tin Lok, Terry / Mr. WONG Wang Tat, Taylor / Mr. WO Kiu Kin, Jacky / Mr. CHAN Yu Ho / Ms. LAI Wing Man, Lemon / Mr. Wong Kwong Ching, Jacky / Mr. SHUM Ping Shue, Michael / Mr. JIM Chin Ho, Jimmy / Mr. KOON Ngai, Tommy / Mr. Luk Kin Hei, Glory / Ms Pei Xin ZHANG, Rachel / Mr. Hui Chun Wai / Mr. GO Ho Fai, Harvey / Mr. Andy SZE TO



CHAPTER PROGRAM

Update on "Building Energy Quotient (Building EQ)" and ASHRAE Certification Programs

Date : 29-Aug-2019

In order to recognize the effort on better energy performance and professional qualification achievement, ASHRAE has developed Building Energy Quotient (Building EQ) Energy Labeling Program and ASHRAE Certification Program for buildings and industry professionals since 2012 and 2007 respectively. This seminar is to provide the updates and better understandings on both ASHRAE's programs.



This seminar was separated into two sessions. The first session introduced New Portal of Building Energy Quotient (Building EQ). ASHRAE has a Building Energy Quotient (Building EQ) Energy Labeling Program that officially launched its "In Operation" program in 2012, and launched its "As Designed" rating in 2013. Building EQ program provides a quick energy analysis that benchmarks a building's energy performance. It also includes a Level 1 Energy Audit to identify means to improve a building's energy performance including low-cost, no-cost energy efficiency measures and an Indoor Environmental Quality survey with recorded measurements to provide additional information to assess a building's performance. The speaker of this session will present the update on Building EQ and its new portal.

The second session is update on ASHRAE Certification Programs – ASHRAE Certified Professional. ASHRAE certification programs were founded to meet industry need as identified through market research and today provide value to many important stakeholders. Developed by subject matter experts, including those recruited from allied professional organizations, ASHRAE certification programs benchmark with the ANSI/ISO accreditation standards for personnel certification programs to help ensure quality. For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.



Earning a certification is ASHRAE's acknowledge that the person understands the relevant body of knowledge and meet educational and experience requirements. There are seven ASHRAE certification programs currently which are:

- Certified HVAC Designer (CHD)
- Building Commissioning Professional (Bicep) Certification
- Building Energy Assessment Professional (BEAP) Certification
- Building Energy Modeling Professional (BEMP) Certification
- Healthcare Facility Design Professional (HFDP) Certification
- High-Performance Building Design Professional (HBDP) Certification



CHAPTER PROGRAM

Technical Seminar on Building Commissioning and Retro-Commissioning with Practical Application + Experience Sharing

Date: 10-Oct-2019

In recent years, commissioning for both new constructions and existing buildings play important roles for system optimization with a goal of energy savings especially for HVAC&R systems. This technical seminar focuses on the explanation of HVAC&R commissioning basics and highlighting our ASHRAE Standards and Guidelines regarding the Commissioning Process for New/Existing Building and Systems/Assemblies. In addition, the speakers will also share their experiences on actual building commissioning / retro-commissioning for energy saving initiatives.

There are three speakers in this seminar. Mr. Ross D. Montgomery talked about HVAC&R commissioning basics and highlighting our ASHRAE Standard 300 series, 202, Guideline 0 and 0.2, and sample commissioning project applications and photos, depending on time. Mr. Charles Chau shared some latest energy saving initiatives from utility company to promote energy efficiency and conservation in Hong Kong. Last but not least, Dr. Qingpeng Wei shared case study and methodology of applying Monitoring-Based Retro-Cx and algorithm in HVAC equipment and systems.



CHAPTER PROGRAM

Joint Comprehensive Certificate Course on HVAC&R System in Buildings 2019

Date : 15-Oct-2019 to 26-Nov-2019

The course is designed to broaden knowledge of engineers in relation to Air Conditioning and Mechanical Ventilation Systems and is useful for young engineers and practitioners who want to refresh / acquire knowledge in the design, installation and maintenance of these systems. All Guest Speakers, who are experienced / professional engineers/ officers from Government, University, Consultants, Manufacturers, Contractors and Properties / Facilities Management etc., will present you with some practical knowledge and experience sharing. There are totally 12 lessons. Dr. Benny Chow presented "Specialized Ventilation System Requirements, Standards and Field Studies for Healthcare Infection Control in Hospitals and Day Procedure Centers/ Clinics in Hong Kong" and Dr. Sam Hui presented Updates on ASHRAE standards and Certified HVAC Designer (CHD).



Reported by: Mr. Taylor CHOW

ASHRAE HKC CP Chair (2019-2020)

CRC ACTION

22nd Chapters Regional Conference for 2019-20 in Malaysia

The 22nd Chapters Regional Conference (CRC) was held at Kuala Lumpur, Malaysia in 23-24 August 2019. The CRC is one of the most important event in Region XIII. It is a wonderful opportunity for chapters and members to



meet, interact and socialize on a regional level. There were more than 400 participants from Malaysia, Singapore, Indonesia, Thailand, Philippines, Japan, Korea, Taiwan, Hong and Macau joining these two days event including Society President Mr. Darryl Boyce, Chapter Officers from HQ, other Regional Chairs, members and supporters. Having started with opening speech by Malaysia Chapter Chair, Technical Seminars have been held and followed by Presidential Luncheon, Business Session and Banquet Dinner in Day 1. Banquet Dinner was the most exciting gathering among all participants including sponsors and spouses. There were performances carried out by all RXIII Chapters, most of them are of students and young members during dinner. The performances were so entertaining and impressive to all participants.



In Day 2, several training sessions such as MP, RP, CTTC, YEA, SA, GAC and etc. were held that enable the participants get deeper understanding the operation and PAOE points of each committees. Business Session 2 were held in the afternoon. Regional Planning Meeting were held on day 3 for forward planning of Regional Society matters.

Study Tour organized by Student Affair consists of 20 plus students have visited University, Educational Organizations as well as technological facilities, the visits were fruitful to the students and young members.

The event ended with huge success that everybody looked forward to meeting again in CRC 2020.

Reported by: Mr. Shu Hung WONG

ASHRAE HKC CRC Action Chair (2019-2020)



CRC ACTION

Malaysia Study Tour with CRC

The Malaysia Study Tour 2019 from 19th to 25th of August at Kuala Lumpur was jointly organized by ASHRAE Hong Kong Chapter, Student Activities and Student Branches, especially thanks for Dr. Sam Hui for his organization and guidance. This tour also was sponsored by ATAL Engineering Group, Ever Cool Refrigerating and Air Conditioning Co. Ltd & MESAN Cooling Towers Ltd..



This study tour is to provide ASHRAE student members the opportunity to observe and study green buildings and engineering technologies oversea. The rundown of the Malaysia Study Tour 2019 is also integrated with local academic exchanges at Malaysia Universities and the Region XIII Chapters Regional Conference (CRC).

Green building technical visits includes Suruhanjaya Tenaga Putrajaya & ST Diamond Building and GBI & Pertubuhan Akitek Malaysia (PAM), where architectural designs and implementation of sustainable designs were explored. The Malaysian Chinese museum introduced the Malaysian-Chinese culture to the students and provided them a better understanding of the culture and history of Malaysia. Academic exchanges and visits at UniKL MFI and UTAR Sungai Long Campus gave students the opportunities to exchange academic ideas and established unexpected friendships.



The 22nd Region XIII CRC was the highlight of the study tour as students had the opportunity to experience three days of back to back activities hosted by the ASHRAE Malaysia Chapter. The CRC began with a cross region RP bowling competition where four Hong Kong student teams were personally sponsored by Dr. Sam Hui competed with students from others country. Students also participated in technical seminars, student forums and banquet dinner on the following day, which strengthened the bonds and friendships established during this tour. The tour was concluded by a full day technical tours where students visited different factories and sites including Daikin, Intrix, Truwater, AAF, JAF and Yilida.

HONORS AND AWARDS

This year, members of ASHRAE Hong Kong Chapter received awards from ASHRAE to recognize their achievements. Congratulations!

Chapter Program Star Award

Joe CHOW of the Hong Kong Chapter, received the Chapter Program Star Award, which recognizes excellence in chapter program endeavors. Chow is a manager, Hong Kong District Company Limited, Hong Kong, China.



5th ASHRAE LowDown Showdown Modeling Competition

Highway to Sustainability of Ove Arup & Partners Hong Kong Ltd. received the 2nd Place Award of the 5th ASHRAE LowDown Modeling Competition.



2019-2020 Technology Award

Chun Kei Ng, Colin Chung, Michael Sung, Mark KK Lam of The Hong Kong Jockey Club were awarded as the Honorable Mention Winners of 2019-2020 Technology Award (Category IV – Industrial Facilities or Processes – Existing) for the project of “Implementation of District Cooling System for Stables Compound and Adjacent Buildings in Sha Tin Racecourse”.



Highest amount raised for the 2018-19 RP Campaign

Hong Kong Chapter was received the recognition from ASHRAE RP Committee for the achieving the highest amount raised for the 2018-19 RP Campaign in Region XIII. In addition, *Taylor CHOW* of Hong Kong Chapter received the Certificate of Achievement for exceeding Goal.



MAINLAND RELATIONS

HUBEI (WUHAN) - HK JOINT SYMPOSIUM 2019

To facilitate experience sharing and to promote development on building services engineering between the Mainland and Hong Kong SAR, ASHRAE-HKC, CIBSE-HKB and HKIE-BSD had jointly organized symposiums with the Department of Building Services Engineering from the Hong Kong Polytechnic University of two-day symposium with professional bodies in Wuhan, Hubei Province, China (湖北省武汉市) on 5 & 6 Jul 2019. The theme of the symposium is "Building Technology Drive - We Go".

There were around 150 participants attended to this event. On 5-Jul morning, four honorable speakers gave speeches on their professional fields, including Distributed District-Cooling-System (DCS) in Hong Kong Science Park and Building Commissioning in Mainland and Hong Kong: Priority on New Buildings or Existing Buildings. In the afternoon session, eight more professional topics had been presented and discussed, including Identifying an optimum location in bedroom for installation of reversible room air-conditioners for thermal comfort and Energy Efficiency Study on a District Cooling System and Its Socio-technical feasibility in community.

In the morning section of second day, two topics had been deeply discussed: High-efficient DCS and BIM. The representatives of Hong Kong held the group discussions with professionals of Wuhan representatives respectively. Both participants shared the experience and solutions on local applications and development of DCS. Although Hong Kong has advantages on BIM promoting by government policy, both Hong Kong and Mainland shall improve the BIM education among students/ young engineers.

In the afternoon session, a factory visit was arranged – DURKEE for air duct and insulation materials.

Hong Kong participants have a sightseeing on third day morning, to visit the famous Yellow Crane Tower.

After the symposium, all participants had experienced the rapid technology development and opportunities in Wuhan. We all enjoyed with the arrangement and sincerely appreciated to all efforts from the organizing committees.

Reported by: Ms. Jessie HU

ASHRAE HKC Mainland Relations Committee Co-chair (2019-2020)



VENTILATION AND HEALTH TECHNICAL WORKING GROUP

Seminar on Guidelines for Health Engineering System—Day Procedure Centers (DPC)

Subsequent to the meeting of DH with stakeholders on 9 May 2019, the Guidelines for Healthcare Engineering Systems in DPCs (“the Guidelines”) was promulgated by DH this month, as Annex III to the Code of Practice for DPCs (“CoP”). The Guidelines provides general guidance to DPCs on the design, installation, operation and maintenance of healthcare engineering systems, which is not a licensing requirement at this stage (Cap. 633).

As part of the stakeholder engagement, a Seminar on Healthcare Engineering Systems of DPCs (“the Seminar”) is scheduled for 29 November 2019 pm at the Hong Kong Central Library. The Seminar will be organized by DH and co-organized by EMSD, targeting at an audience comprising engineers, facility managers, consultants and contractors, etc. interested in the healthcare engineering systems of DPCs.

Dr. Benny CHOW has been nominated to speak on behalf of ASHRAE HKC on the topic of “Ventilation and Infection Control in Healthcare Facilities”, promoting the ASHRAE 170 Standard.

The technical seminar was successfully completed which drew a full-house of participants to attend. About 290 professionals and government officers (Health Department and EMSD) were participated.

Reported by: Dr. Benny CHOW

ASHRAE HKC Ventilation and Health TWG Leader (2019-2020)



JOINT-SOCIETY EVENTS

Joint Society Game – Master Archer

On 26 Oct, 2019, The Institution of Fire Engineers Hong Kong Branch organized joint society event Master Archer. The event invited ASHRAE HKC, CIBSE, HKIE and approximately 30 people were in attendance. It was hold in Kowloon Tsai House Owners Association.



Nine of us from ASHRAE HKC joined the event. During the event, participants learnt and picked up skills quickly under coaches' guidance and enjoy the competition. It was an exciting and challenging team activity that engaged everyone to strive to win and it was just a perfect experience for us to exercise a bit. We played three rounds of game.

ASHRAE team was the second runner-up which though either any of us played this game but teamwork and passion wins.

Finally, participants enjoyed a post-game meal together and enjoy the precious networking moment.

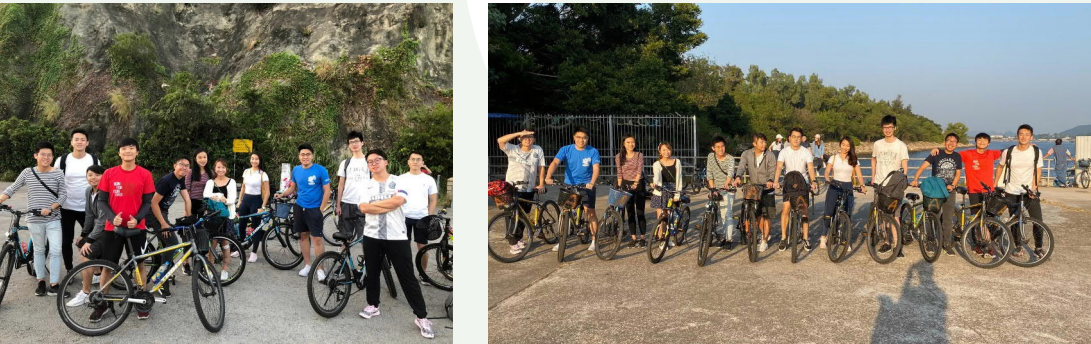


Reported by: Ms. Kitie WONG

ASHRAE HKC YEA Co-Chair (2019-2020)

JOINT-SOCIETY EVENTS

Joint Society Sports Day + BBQ at Tai Mei Tuk on 9 November 2019



Joint Society Christmas Party 2019

ASHRAE HKC YEA has held the Joint Society Christmas party (JSCP) as co-organizer with AES, ASCE, HKIE YMC, HKIPE, ICE, IET, IMechE on 13 Dec 2019 at Showtime.

There were totally 140 people attending to this event. In this event, our honorable guest, Ir Dr Hon LO Wai-kwok, SBS, MH, JP member of the Legislative Council of Hong Kong for the Engineering constituency, share his experience to young engineers.

During the event, Showtime provided free flow of drinks to our participants. Most of participants are not ASHRAE members, they are young engineers & students from difference engineer society, which was an opportunity for YEA to introduce & promote about ASHRAE.

The event started from 19:00 and ended at 22:30. After all, the event was successfully completed. ASHRAE YEA promoted our organization to the young engineers and JSCP became a platform for us to exchange ideas and build up our network.

Reported by: Mr. Paul Tsang

ASHRAE YEA Committee Chair (2019-2020)



OFFICERS, GOVERNORS & COMMITTEE CHAIRS 2019-2020



Officers and Board of Governors

Posts	Name
President (CRC Delegate)	Mr. NG Chun Kei, Jacky
President-Elect (CRC Alternate)	Mr. TAM Tsz Lung, Tenny
Secretary	Mr. HUANG Hung Man, Patrick
Treasurer	Mr. CHOW Wai Hung, Joe
Immediate Past President	Mr. WONG Shu Hung
Member, Board of Governors	Dr. HUI, Chun Man Sam
Member, Board of Governors	Mr. CHAN, Hei Kin, Thomas
Member, Board of Governors	Dr. WONG Chun Sing
Member, Board of Governors	Mr. TSE, Kam Chuen Vincent

Working Committee

Committee	Member (s)
Chapter Technology Transfer	Mr. KWOK Yat Sing, Jason (Chair) Mr. LEE Siu Lim, Anson (Co-chair) / Mr. James Lee (Co-chair)
Membership Promotion	Mr. Lam Yu Hung, Peter (Chair) Mr. Eric Wong (Co-chair) / Mr. Keith Pang Ki Fai (Co-Chair)
Research Promotion	Mr. Lo Siu On, Andy (Chair) Mr. CHOW Chi Fung, Taylor (Co-Chair)
Student Activities	Ms. Lai Sheung Yu, Moka (Chair) Mr. LAU Chun Leung, Tom (Co-Chair) / Ms. Lee Cheuk Lam Cherry (Co-chair)
Young Engineers in ASHRAE	Mr. TSANG Pok, Paul (Chair) Ms. CHAN Wai Man, Daphne (Co-Chair) / Ms. Wong Tan Ting Kitie (Co-chair)
Attendance	Mr. JIM Chin Ho, Jimmy (Chair)
Auditing (for 2018-2019)	Mr. MAN Chi Hou, Cecil (Chair)
Chapter Programs	Mr. CHOW Chi Fung, Taylor (Chair) Ms. PUN Mun Wai, Cindy (Co-Chair) / Ms. TSE Yan Yi, Rachel (Co-chair) / Mr. Mike Chan (Co-chair)
CRC Action	Mr. WONG Shu Hung (Chair)
Electronic Communication	Mr. LAU Chun Leung, Tom (Chair)
Government Advocacy	Dr. YIU Chi Man, Jacob (Chair) Mr. CHAN Chun Kit, Kelvin (Co-Chair) / Mr. YIP Wai Tong, Wallace (Co-Chair)
Historical	Mr. PAU, Wai Keung (Chair)
Honors & Awards	Dr. YU Chung Hoi, Philip (Chair) Dr. CHOW Ka Ming, Benny (Co-chair) / Ms. WONG Sze Man, Mandy (Co-chair)
Information Technology (IT)	Mr. LAM, Ying Wai Alan (Chair) Mr. LAM, Ying Wai Alan (Webmaster)
Institutions (HK) Liaison	Mr. SUNG Ka Leung, Michael (Chair)
Mainland Relations	Dr. CHOW Ka Ming, Benny (Chair) Ms. PAN Yan, Penny (Co-Chair) / Ms. HU, Jing Xia Jessie (Co-chair)
Public Sector Liaison	Mr. MAK, Ka Chun (Chair) Mr. LEUNG Suet Fai (Co-chair)
Publications & Newsletter	Ms. LAW Ting Fung, Michelle (Chair) Ms. LAW Tsz Yan, Samantha (Co-chair)
Publicity	Mr. LIN Wan Fuk, Albert (Chair)
Reception	Ms. CHAN Wai Man Daphne (Chair)
Refrigeration	Ms. HU Jing Xia, Jessie (Chair) Mr. Cyrus Y.S. Wong (Co-chair) / Mr. Eddie C. Y. Sin (Co-chair)
Sustainability	Ir Lau K W, Eric (Chair)