

ASHRAE LINK

Jun 2012

The Newsletter of ASHRAE Hong Kong Chapter

ASHRAE Rebranding	02
HVAC Introduction & Career Talk	03
ASHRAE Night 2012	04
Factory Visit	06
Joint Institutions Sport Competition	07
Technical Workshop (RP)	08
Technical Workshop (CTTC)	09
28th Anniversary Dinner	10
Membership Promotion	11
Young Members Committee	12
Winter Meeting - Highlight for HKC	14



ASHRAE LINK is published by the ASHRAE Hong Kong Chapter. Statements made in this publication are not expressions of the Society or of the Chapter, and may not be reproduced without special permission of the Chapter. The newsletter is accepting letters to the editor and article submission on topics of interest to the members of the Chapter. Materials should be sent to us by post or by e-mail

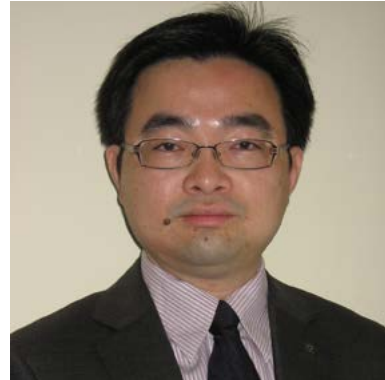
E-mail: newsletter@ashrae.org.hk

By Post: P.O. Box 35612, King's Road Post Office, North Point, Hong Kong, China

Editor: Mr. Joao Wong (Chair of Newsletter and Publication)



ASHRAE REBRANDING



Mr. Albert LIN
President
ASHRAE Hong Kong Chapter
2011-2012

On behalf of ASHRAE Hong Kong Chapter, may I extend my heartiest thanks to all of your support and participation to the events of ASHRAE Hong Kong Chapter. This year term is an exciting year for the HK Chapter.

First of all, our Society President Ron Jarnagin announced the rebranding of ASHRAE in January 2012. In line with the changing technological development, the ASHRAE will move its focus of development solely on HVAC&R to providing guidance for total building design, reconstruction, construction and operation. Along with the change of our Society logo, our Chapter website was redesigned, incorporating with enhancement in navigation and search engine. This new website could surely help our members to best serve their role in the industry.

Secondly, the ASHRAE Hong Kong Chapter Limited was incorporated in order to enhance the Chapter's efficiency in daily operation. This limited company will take over the function of ASHRAE Hong Kong Chapter in the year term 2012-2013.

Thirdly, our Chapter hosted the 14th CRC in Region XIII in August last year, with over 300 local & overseas professionals participated in the Technical Seminar. Under the theme "High Performance Building Design", our Chapter invited prominent speakers and ASHRAE Distinguished Lecturer to share the latest technology concerned to all participants, updating the HVAC professionals the know-how to cope with the changing need of human beings and the environment in a sustainable way.

Regarding our future generations, ASHRAE had been active in outreaching student members through the establishment of student branches in different universities and colleges. By initiating the Oversea Study Tour, ASHRAE Hong Kong Chapter Student Scholarship, technical workshops and factory visits this year, we believe our student members could have more opportunity to be trained and involved in Chapter's activities.

All these works could not be achieved without the concerted efforts from all of you. I would like to treasure this chance to give special thanks to the leadership of our Past Presidents, the continuous supports and efforts from all current Governors, Officers, Committee Chairs and Committee members.

Albert Lin
President
ASHRAE Hong Kong Chapter
2011-2012



HVAC INDUSTRY Introduction and Career Talk

By Student Activities and Study Branches

Date of event: 6th Mar, 2012

The Introduction and Career Talk about HVAC Industry was held on 6th March 2012, which consisted of two sessions. The first session was an introduction of HVAC industry presented by HVAC product supplier and service provider regarding product design, manufacturing, projects, maintenance, control, etc. It was an highly interactive seminar, as students won a very fine ductulator, when answered questions correctly. The second session is a sharing time with young engineers from engineers of different industries such as government sector, consultant, supplier, contractor and client in a form of small group discussion. Students were enthusiastic and asked plenty of questions regarding their career.

Through the career sharing, students are confidence with industry and understand there is a variety of opportunities for them to choose subject to their interests and personalities.

All in all, the talk was held successfully and it was fruitful and enjoyable. We would like to express our sincere thanks to the participated HVAC supplier, service provider and all young engineers for their sharing, contribution and support.

Henry Lam
The Hong Kong Polytechnic University Student Branch President
ASHRAE Hong Kong Chapter
2011 – 2012



ASHRAE Night 2012

By Membership Promotion

Date of event: 21st Feb, 2012

The ASHRAE Night 2012 was successfully held at Chiang Chen Studio Theatre in The Hong Kong Polytechnic University on 21 February 2012 (Tuesday). Over 150 ASHRAE members and guests attended this enjoyable event.



ASHRAE Night is an annual sociable gathering for both ASHRAE members and non-members by meeting with our honourable speaker, guests, Governors and Officers of Hong Kong Chapter, other ASHRAE members and friends in the HVAC&R industry.



In welcoming speech, our Chapter President, Mr. Albert Lin, announced that ASHRAE Society has rebranded with new logo and Hong Kong Chapter would begin the process of incorporating the new logo and brand since this ASHRAE Night.



◀ ASHRAE Night 2012 started by our Chapter President, Mr. Albert Lin who delivered a welcoming speech to all participants with announcement of New ASHRAE logo and brand ▶



Afterwards, our Membership Promotion Committee Chair, Dr. C.S. Wong, introduced ASHRAE by offering information to all participants to have better understandings of our Society and Chapter.



▲ Dr. C.S. Wong, Membership Promotion Committee Chair, presented the introduction of ASHRAE's mission, vision, organization structures and members' benefits.



▲ Mr. Edward Tsui (Regional Vice Chair for Research Promotion of Region XIII) presented Donor Recognition Certificate and Commemorative Coin & Plaque to honor roll donor (Mr. Vicki Poon – representative of The Hong Kong and China Gas Company Limited) with Research Promotion Committee Chair, Dr. Dennis Tung

In order to appreciate the finance contributions from individuals and companies who supported our Society's research, Dr. Dennis Tung, our Research Promotion Committee Chair, gave an introduction on research promotion and presented Donor Recognition Certificates and Commemorative Coins to those honor roll donors for the year of 2010-11.

Chaired by Mr. Albert Lin, our Chapter President, the election of the nominating committee was held and the elected committee members were Mr. Tim Cheng, Mr. Alan Lam, Mr. Jacky Ng, Mr. WK Pau and Mr. Edward Tsui. We expect that they will consolidate our Chapter Officers and Governors for incoming year.



▲ Our Nominating Committee Members (from left to right): Mr. Tim Cheng, Mr. W.K. Pau, Mr. Edward Tsui and Mr. Jacky Ng



▲ Our Chapter President, Mr. Albert Lin presented a Certificate of Appreciation to ASHRAE Distinguished Lecturer, Professor Jianlei Niu after the Technical Seminar

Last but not least, our ASHRAE Distinguished Lecturer, Professor Jianlei Niu presented a technical seminar to all the participants with the topic of "Application of Computational Fluid Dynamics (CFD) for the Design of High Performance Buildings" by sharing his research experience in high performance building design and application.

All participants experienced an enjoyable and meaningful event in this wonderful ASHRAE Night 2012. The organizing committee would like to thank every member who had attended this event and for those members who did not join this event, do come and have fun with us next year.

Hope to see you in ASHRAE Night 2013 next year!

FACTORY VISIT

Johnson Controls Guangzhou

By Student Activities and Study Branchs

Date of event: 14th Apr, 2012

The Factory and Technical Visit and HVAC equipment production was held on 14th April 2012 (Saturday). It was informative, yet interesting. Around thirty students, ASHRAE members and staff from Johnson Controls were participated in this full-day event. The most memorable parts were the Johnson Controls Factory site visiting, as well as the Yuan Chong Huan Memorial Park in Guangzhou.

We were grateful and delighted for the warm welcome from Johnson Controls, their representatives in introducing their HVAC products, high-tech production machines, production procedures and factory structure. The introduction gave students a general idea on the working condition in China and the environmental of the manufacturing industrial.

For most students, it was out first visit to a well structured mega scale manufacturing facility in China. It was an unforgettable experience, and we are deeply appreciating the ASHRAE Hong Kong Chapter and Johnson Controls in giving us a valuable experience, which will be beneficial to our future development.

Jimmy Jim
IVE Student Branch President
ASHRAE Hong Kong Chapter
2011 – 2012



JOINT INSTITUTIONS SPORT COMPETITION 2012

Date of event: 14th Apr, 2012

Every year, ASHRAE – Hong Kong Chapter, CIBSE – Hong Kong Branch, HKIE BS Division and IFE – Hong Kong Branch jointly organize a sport competition for a friendly gathering, and the sport of the year is “Throwing darts”.

The sport competition held on 14 April, which was an intense match with a lot of fun. The competition held in a small café/bar in Sheung Wai. In that small place, we gathered different generations in all societies, from the governors to young members.

The game was divided into two parts, team game and president game. In the team game, a mixed team was formed from members of the society with a wide age group. The first part of the team match was a round robin, which ASHRAE HKC won 2 and lost 1, which is same as CIBSE-HKB and IFE-HKB. The second part of the team match was tournament, which our chapter fortunately won the game. Congratulation!! In the president match, unfortunately, we lost.



TECHNICAL WORKSHOP (RP)

Building Controls and Energy Efficiency

By Research Promotion Committee

Date of event: 16th May, 2012

A Half-day Technical Workshop was held on 16 May 2012 (Wednesday) at 3:00pm-6:00pm. This workshop was also qualified for 3 hours CPD event.

Ed Sugay, presented the latest Smart grid technologies development in the industry. The interaction between smart grid and smart building was explained. In the presentation, the speaker covered the latest development of smart grid and smart building and relevant technologies.

Mark Benevides, presented chiller plant optimization methods to reduce the energy consumption of chiller plant without major capital investment. He introduced the latest chiller plant control algorithm development.

Dr. Sze To Gin Nam, introduced three novel / conceptual green building technologies developing by his team. Adsorption cooling system uses chemical sorbent material to replace compressor in traditional cooling system. Personalized ventilation supplies conditioned fresh air directly to the breathing zone of occupants. Acoustic agglomeration can be used to remove particles from air. It can lengthen air filter's life and improve removal efficiency, especially for ultrafine particles.

Fund raised to Research Promotion for this event is US\$1,756.00.



TECHNICAL WORKSHOPS (CTTC)

IEQ & Performance / Green & Sustainable

By Chapter Technology Transfer Committee

Date of event: Multiple

Two Technical Workshops, namely Indoor Environmental Quality and High Performance Building and Green and Sustainable Building Design were organized and completed successfully this year. Details of the workshops were summarized as follows.

Indoor Environmental Quality and High Performance Building Workshop

	Date	Speaker	Topic
1	10 Jan 2012	Dr. Horace Mui	Update on Indoor Air Quality Parameters and Sampling
2	18 Jan 2012	Prof. Yuguo Li	Indoor Infectious Disease Control and Ventilation
3	1 Feb 2012	Mr. Brian Monk	Controlling Environmental Tobacco Smoke
4	8 Feb 2012	Dr. John Lin	Thermal Comfort and room Air Distribution

Green and Sustainable Building Design Workshop

Session	Date	Speaker	Topic
1	24 April 2012	Ms. Sheila J. Hayter	Integrating Renewable Energy Systems into Buildings
2	15 May 2012	Prof. Christopher Chao	Managing Healthy Indoor Environment for Green Building
3	22 May 2012	Dr. Square Fong	Application Potential of Solar Air-Conditioning System for Buildings
4	29 May 2012	Dr. Thomas M. Lawrence	ASHRAE Standard 189.1-2009 for High Performance Green Buildings

Being a learning society, ASHRAE will continue to organize high quality technical talks, seminars and workshops for our members as well as professionals in the industry.



28th Anniversary Dinner 2012

Date of event: 1st Jun, 2012

The ASHRAE Hong Kong Chapter, 28th Anniversary Dinner 2012 was held successfully on 1st June 2012 in Grand Ballroom, Kowloon Shangri-la Hotel with over 300 guests. The Anniversary Dinner was kicked off with a welcome speech by our Chapter President – Mr. Albert Lin. In the event Appreciation Certification was presented to Chapter Officers, Governors and Committee Chairs were introduced to our members.

Throughout the dinner, several prizes were presented. The first award that presented was 2012 – Lou Flagg Historical Award for COOL HK, followed by 2011 – 2012 ASHRAE Student General Scholarship award. Finally, we are pleased to share the happiness with the participants for the championship of 2012 Joint Institutions Golf Competition.

To enhance the sense of involvement of our honourable guests, an exciting game – “Draw Something” was held during the dinner. Several participants were invited through picking their name card. Then the participants were required guessing what is drawing by watching a video tape.

Last but not least, during this anniversary dinner, it provided an opportunity for our members to share their experience with other ASHRAE members.



Membership Promotion

We would like to acknowledge the following company sponsors to provide financial contribution on membership promotion in order to promote ASHRAE in Hong Kong especially for young engineers & students in HVAC&R fields and support the events held by Membership Promotion:-

Gold Sponsor

Hensen System Engineering Limited
Kings View Air conditioning Engineering Company Limited
Ryowo (Holding) Company Limited

Silver Sponsor

The Hong Kong and China Gas Company Limited
Welcome Air-Tech Limited

Bronze Sponsor

Far East Engineering Services Limited
Intelligent Technologies Limited
Takasago Thermal Engineering (Hong Kong) Company Limited
Wardson Engineering Limited

NEW MEMBERS & GRADE ADVANCEMENTS – WELCOME TO ASHRAE HONG KONG CHAPTER!

On behalf of Membership Promotion Committee of ASHRAE Hong Kong Chapter, we would like to extend a warm and hearty welcome to all our new members and members with grade advancement between the period of 1 October 2011 and 31 May 2012:- (Last names in alphabetical order)

Affiliate

WONG Hang Wui
YAU Tai Wai

KO, Kenneth
LAI Kam Hung
LAI Kwok Chuen
LAM Kin Ki
LAM Pan H

CHANG Ruo Han
CHIU Hok Ka
CHOI Yiu Wing
CHONG Tsz Yu
CHUI Ka Ho

SO Hopong
SUEN Wun Wun
TAM Yan
TANG Tak Chi
TSANG Hin Hang

Associate

CHEUNG Cheuk Lam
CHOW Hei Yeung
CHU Chi K
KWOK, Apollo
LAM Pang
SUEN Yat Yeung
TANG Cheuk Man
TSE Wai Cheong
WONG Ka Ho
WONG Ka Man
YEUNG Xi Van
YU Tai Wai

LAU Wing Cheong
LEE Ka Lun
LEUNG Tsz Wai
LO Shung Y
McNALLY, Craig
NATARAJAN, Raja
NG Chi Hung
NG Chi Wa
NG Siu Kei
POON Kwok Wai
TSEA, Tin C
TO Chi Ming
VONG Fernando
WONG, K.H.

HO Chun Yin
HUI Ping Kit
HUSSAIN Shabab
KAO Fung Yuzn
KWOK Yu Ho
LAM Ho Yan
LAM Hoi Ting
LAM Man Kit
LAM Po Yi
LAM Wai Yan
LEE Hau Yee
LEE Lok Man
LI An Wui
LIU Wei

WAI Man K
WONG Ki Yan
WONG Yiu Pong
WU Tsun Long
XUE Xue
YEUNG Wai Sing
YIP Kai Lun
YUEN Wan Siu

Associate upgrading to Member

CHAN Seck Pong
CHENG, Johnny
CHOW Tok Raymond
LAM Wing C
WONG Wai Keung

Member

CHAN Chun Kit
CHENG Hou Chung
CHOI Chun Fai
CHUNG, Clement
DICKSON, Ian
HO Wai K
KAM Kwok Keung

Student Member

AU Tuen Yi
CHAN Chi Hung
CHAN Ka Hong
CHAN Yee Tung
CHANG Ruo Han

LO Kai Fung
LU Ruiyang
MAK P Fung
MO Kai Chung
NG Dan Lung
PANG Chiu Man
SIU Chi Hang

Young Members Committee (YMC)

YMC event highlight

1. Joint Christmas Party (JCP)

The Joint Christmas Party was held successfully on 11th December 2011. The Christmas party was jointly organized by 10 institutions and supported by 2 societies and totally almost 200 people participated in the event. With the extensive network (12 societies), we have broadened our horizon and meeting a lot of friends from different societies. The Christmas party was so successfully and a lot of fun. Please enjoy the photos of that unforgettable night!!



2. YMC series – War game

The YMC organized a war game for our young member on 25th February 2012 and we had 18 participants in the event. The participants are some young member of ASHRAE and many non-ASHRAE members. Therefore, it was a great opportunities to promote ASHRAE, apart from a learning society, but a society with plenty of fun.



The game was very intense, which requires a lot of collaborations, as well as leadership, planning and trust. It is unfortunate if you missed the game, but no worries, please join us the next time. It would definitely be a lot of fun.

3. Joint Mingle party

Since the Christmas party was very successfully, the organizing committee of JCP decided to hold another party few months later in April. This time there was approximately 40 participants. Two of our ASHRAE Young members won the first prize and second prize in this party. Congratulations!!!



4. IMechE Hong Kong Branch YMS Annual General Meeting (AGM)

It was much appreciated and our honor to be invited as their guest in the AGM of IMechE Hong Kong Branch YMS. On behalf of ASHRAE YMC, our Co-Chair, Taylor Chow, committee member Iris Li and Bonny Wong joined the meeting. Hereby, we would like to congratulate IMechE Hong Kong Branch YMS for their successful in the AGM and we are looking forward to more joint events in the near future.



ASHRAE Winter Meeting - Highlight for HKC



◀ Mr. Edward Tsui received the John F. James International Award from the ASHRAE President - Mr. Ron Jarnagin.

▶ Mr. Edward Tsui and the students from Tianjin University and Tongji University (who received the awards for student design competition)

