



# CIBSE



## Highlights

Chair's Message

CIBSE Annual Dinner 2016

President Elect 2016

YEN Global Conference

**CIBSE-HK BRANCH  
NEWSLETTER  
AUGUST 2016**

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# MESSAGE FROM THE CHAIR



Dear fellow members,

It is my honour and pleasure to take up the position as the Chair of the CIBSE Hong Kong Branch for the session 2016-2017. Together with our capable committee members and YEN members, we strive to provide quality services to our members and to uphold the professionalism and reputation of CIBSE in the society.

CIBSE, being a reputable learned institution that sets guides, codes and standards, it also focuses on adopting a co-ordinated approach at all stages of the life cycle of buildings for sustainability, and keeping abreast of impacts of technology and climate changes. In this session, one of the major events we are organizing this year is the Hong Kong Joint

Symposium jointly held with the HKIE-BS Division, ASHRAE-HK Chapter and Department of Building Services Engineering of the Hong Kong Polytechnic University, with the theme on "Building a Smarter City via Latest Technologies". The symposium will be held on 22 November 2016. Members are encouraged to participate to share the latest information and the roadmap towards a smarter city in HK.

While the CIBSE BIM Steering Group has been working actively with the industry in the promotion of BIM in UK since 2011, our research study: "Towards Adoption of Building Information Modelling in Building Services Engineering in Hong Kong", jointly carried out with HKIE-BS Division and The Hong Kong Polytechnic University was just completed and talks will be organized soon to share the findings with members and practitioners.

On membership development, there is continuous growth of membership in Hong Kong in past years. As of August 2016, we have 2,582 members in total. Together with our YEN Group, we

shall continue to promote CIBSE in the industry and in universities for better membership growth and retention.

On the administrative side, the revamp of our website is about to be completed and will be launched shortly so as to facilitate services and communication with members. The new website is also aimed to enhance the linkage with Headquarters such as highlighting CIBSE Knowledge Portal, to encourage members to visit the Knowledge Portal more often to make better use of this valuable knowledge treasures developed by CIBSE.

The Committee looks forward to have the continuous support of members and all building services practitioners/companies to our various activities, and views are most welcome for the continuous enhancement and development of the Hong Kong Branch!

***KY Leung***  
***Chair, CIBSE Hong Kong Branch,***  
***Session 2016-2017***

## CIBSE HKB COMMITTEE SESSION 2016 - 2017



A group photo of 2016-2017 CIBSE HKB committee members and past chairs.

Back row, left to right: Marcus Chan, Stephen Wong, Hyvan Wong, Joey Mo, Franky Shum, MY Chan, John Chan, TC Chan, Gary Chiang  
Front row, left to right: Vincent Luk, CK Mok, Ronald Chin, KY Leung, Stanley Chow, CM Chung, Albert Lin, Antonio Chan, Philip Chan

2016-2017 CIBSE HKB committee comprises twenty-one members, including the co-ordinators from HKIE-BS Division and ASHRAE-HK Chapter. The Shanghai Panel comprises of five members. The names and posts are as follows:

- |                      |   |
|----------------------|---|
| • K Y LEUNG          | Chair   |
| • C M CHUNG          | Immediate Past Chair  |
| • Stanley CHOW       | Vice-Chair  |
| • Stephen WONG       | Honorary Secretary  |
| • Peter LONG         | Honorary Treasurer  |
| • John CHEUNG        | Honorary Advisor and Professional Interview Co-ordinator          |
| • Dr. P L YUEN       | Professional Interview Coordinator                                |
| • Hyvan WONG         | Training and Development Coordinator                              |
| • Dr. M Y CHAN       | Mainland Affairs Co-ordinator                                     |
| • Sam LOK            | Social Secretary  |
| • M K LIU            | Government Co-ordinator   |
| • Joey MO            | Communications Co-ordinator                                       |
| • T C CHAN           | Technical Activities Co-ordinator                                 |
| • John CHAN          | Conference Co-ordinator   |
| • Marcus CHAN        | YEN Chair   |
| • Vincent MA         | Co-opted Member   |
| • Dr. Wai Ling LEE   | Co-opted Member   |
| • Franky SHUM        | Co-opted Member   |
| • Gary CHIANG        | Co-opted Member   |
| • Calvin FU          | HKIE Co-ordinator   |
| • Albert LO          | ASHRAE Co-ordinator   |
| • Kelvin TANG        | Shanghai Panel Chair  |
| • Jacky WONG         | Shanghai Panel Secretary  |
| • Chun Hung KEI      | Shanghai Panel Treasurer  |
| • Alpha CHU          | Shanghai Panel Events Co-ordinator (Shanghai)                     |
| • Dr. Xingxing ZHANG | Shanghai Panel Events Co-ordinator (Nottingham Ningbo University) |

## CIBSE ANNUAL DINNER 2016



A group photo of the CIBSE HKB Committees 2015-2016.

The Annual Dinner 2016 of CIBSE Hong Kong Branch was held on 17 March 2016 at JW Marriott Hotel Ballroom in Hong Kong. There were over 400 members and guests participated in this memorable event. We were honoured to have invited Mr. Frank Chan, JP, the Director of Electrical and Mechanical Services Department, to give a speech in the event. There were also many guests from various sectors, including representatives from Architectural Services Department Electrical & Mechanical Services Department, Fire Services Department, Building Department Housing Department, engineering institutions and engineering departments of universities.

The dinner started with a

welcoming speech given by Mr. CM Chung, the Chair of CIBSE Hong Kong Branch, who gave a brief account of the achievements and accomplishments of the Branch in past 12 months. There was presentation of souvenirs to all Branch Committee Members in Session 2015 / 2016 in appreciation of their time and effort in serving the Branch. Furthermore, CIBSE Scholarships were presented to awardees from universities.

We had delicious dishes served by the hotel, lucky draw and dinner games prepared by the Organizing Committee. To ensure the fullest enjoyment of all coming to the dinner, entertaining professional Tron Dance (LED dance) and Chinese Kung Fu performance

were also arranged. One of the most exciting parts of the annual dinner was the last Kung Fung performance by the incoming Chair, Mr. KY Leung who has learnt Karate for many years.

Towards the end of the dinner, Mr. Leung, on behalf of the Organizing Committee of the Annual Dinner 2016, expressed thanks to all members and guests for coming to the dinner and, in particular, the Organizing Committees for all their efforts in preparing the programme of the annual dinner. Lastly, Mr. Leung invited all to continue rendering their support to CIBSE next year.



Tron Dance Performance.



Kung Fu Performance.



Mr. Frank Chan, JP, Director of EMSD gave an opening speech.

## ANNUAL GENERAL MEETING OF 2015 / 2016 SESSION

The Annual General Meeting (AGM) of Hong Kong Branch for the 2015 / 2016 session was held on 8 March 2016 at World Trade Centre Club in Hong Kong.

During the meeting, Mr. CM Chung, the Chair, delivered the annual report, and Mr. Peter Long, the Honorary Treasurer, presented the financial report of 2015. In the meeting, Mr. KY Leung and Mr. Stanley Chow were elected as the Chair and Vice-Chair respectively for the 2016 / 2017 session.

After the AGM, a technical talk

on “Critical Analysis of Embodied Energy and Environmental Performance for Indoor Living Walls” was delivered by Dr. Sam Hui from the Department of Mechanical Engineering of the University of Hong Kong.



Mr. KY Leung, Mr. Stanley Chow, Mr. CM Chung, and Mr. Peter Long gave a report in AGM.



Dr. Sam Hui delivered a technical talk after AGM.

## CIBSE MEDAL AWARD

On 16 November 2015, Mr. LAM Lung Wai, Herbert, past Chair of CIBSE HK Branch in Session 2009-2010, was presented with CIBSE Silver Medal Award, by Mr. John Field, CIBSE President Elect, during the dinner ceremony at the Royal Garden Hotel. They were also joined by fellow committee members from CIBSE HKB, Mr. Hywel Davis, Technical Director, and Mrs. Judy Field.

Currently, Mr. Lam is working in a leading international consultancy company of multiple disciplines offering a wide scope of engineering services. He has over 20 years professional engineering

experience in building services design and installation, project management and supervision of various natures of large scale projects. He has made substantial achievements and contribution to the development and enhancement of the building services discipline in Hong Kong and China, and also training of young engineers.

Mr. Lam has been actively involved in the work of the CIBSE Hong Kong Branch since 2000 and served various posts devotedly and became the chair in 2009-2010. He has made significant

contribution in the development of HK Branch, in particular the establishment of the Shanghai Panel. Congratulate Herbert for receiving the Silver Medal Award which he is well deserved.



Mr. Herbert Lam received CIBSE Silver Medal Award from Mr. John Field.

# BRANCH ACTIVITIES

## PRESIDENT ELECT VISIT 2015



A group photo of CIBSE HKB Committee 2015-2016 with the President-Elect, Mr. John Field, Technical Director, Mr. Hywel Davis and Mrs. Judy Field.

Our President-Elect, Mr. John Field, Technical Director, Mr. Hywel Davis, Mr. Andrew Saville, and Mrs. Judy Field visited Hong Kong in November 2015.

During their stay, they joined the YEN Global Conference programme which was held in Hong Kong concurrently. They attended the 13th Asia Pacific Conference on the Built Environment - Next Gen Technology to make Green Building Sustainable; met with members of the CIBSE HK Branch; attended the Reception at the British Consulate; and visited the Hong Kong Polytechnic University, the University of Hong Kong, HKIE and

Architectural Services Department. Furthermore, they visited Macau together with YEN group.

Mr. John Field, on behalf of the delegation, expressed his gratitude to the hard work of YEN and HK Branch Committee for arranging the numerous activities with fruitful and impressive results during the visit of the delegation.



# BRANCH ACTIVITIES

## PRESIDENT ELECT 2016

CIBSE conducted a ballot to elect Officers and Board Members to take office from the AGM on 5th May 2016. All Corporate members (Fellows, Members, Associates and Licentiates) were entitled to vote.

It is delighted that Mr. Peter Wong, the Past Chair of the Hong Kong Branch, is successfully elected as the President-Elect!

The new CIBSE Officers and Board Members are as follows:

President Elect: Peter Wong  
Vice Presidents : Paddy, Stephen LISK, Tadj  
Board Member: Lynne JACK  
Honorary Treasurer: Stuart MACPHERSON

Peter is now the Chair of the Accreditation Board, a position conferred by the Government to represent the interest of engineering graduates in the International Engineering Meeting of the Washington Accord. Peter is now with the Professional Green Building Council.



Mr. Peter Wong was elected as the President-Elect 2016.



## CIBSE SCHOLARSHIP AND PRIZES

CIBSE HK Branch has been offering continuous support to academic organizations as well as the students that studying relevant building services courses.

CIBSE HK Branch offers over 20 nos. of scholarship awards every year to students with outstanding performance from different universities in Hong Kong, as the mean of recognition and encouragement for their impressive achievements. The awards that CIBSE HK Branch offers include CIBSE Scholarships, CIBSE Student Project Prizes, and CIBSE Book Prizes.

CIBSE Scholarships represent the highest recognition amongst all these awards. They are given to students with the best performance in relevant courses, whom are nominated by their universities. The winners of CIBSE Prizes for year 2015-16 are as follows :

CityU: Miss KO Sum Yuet Phoebe  
HKUST: Mr Tang Hin Yan  
PolyU: Miss Lee Siu Yan



Mr. CM Chung, Chair of CIBSE HKB, presented CIBSE prizes to winners.

## COMPREHENSIVE CERTIFICATE COURSE ON HVAC&R IN BUILDINGS 2015



*A Joint Comprehensive Certificate Course (JCCC) on HVAC&R Systems in Buildings 2015 was successfully organized from 22 September to 3 November 2015 at the Hong Kong Productivity Council.*

A group photo of the organizing committees of JCCC.

The JCCC was organized by the Hong Kong Air Conditioning and Refrigeration Association Ltd. (ACRA), ASHRAE Hong Kong Chapter (ASHRAE-HKC) the Hong Kong Institution of Engineers – Building Services Division (HKIE-BSD), Building Services Operation and Maintenance Executives Society (BSOMES) and the Chartered Institution of Building Services Engineers – Hong Kong Branch (CIBSE-HKB).

This course composed of 12 sessions. Each session

covered various topics of HVAC&R system, including design, installation, operation and maintenance, as well as practical cases studies. In each session, honourable speakers with extensive professional experience were invited to share their practical knowledge on various subjects. The organizing committee had received overwhelming response from the engineering industry with an average of 295 participants attended each session of the course.

## MISCELLANEOUS TECHNICAL ACTIVITIES



# TECHNICAL ACTIVITIES

## TECHNICAL TALK ON “THE NEW TECHNOLOGY ON CHILLER DESIGN AND APPLICATION”

Technical talk on “The New Technology on Chiller Design and Application” which was jointly organized by the CIBSE-HKB and HKIE-BSD and ASHRAE-HKC was held at the Hong Kong Polytechnic University on 11 November 2015. The talk attracted over 90 participants to attend.

compressor design and the new technology on chiller unit.

On behalf of CIBSE-HKB and participants, we would like to thank Mr. Frederic Byron Ham for his effort in conducting the talk and sharing his experience and professional knowledge to make the event successful.



Mr. John Chan presented certificate to Mr. Frederic Byron Hamm.

The guest speaker, Mr. Frederic Byron Hamm, Staff Engineer of Midea (Chongqing) introduced the basic design principle of the water-cooled chiller,



## THE 13TH ASIA PACIFIC CONFERENCE ON THE BUILT ENVIRONMENT - NEXT GEN TECHNOLOGY TO MAKE GREEN BUILDING SUSTAINABLE

The 13th Asia Pacific Conference on the Built Environment (APCBE) was successfully held on 19 and 20 November 2015 at the Crowne Plaza Kowloon East Hotel, Hong Kong.

management, testing and commissioning, facility operation and maintenance, etc.

The 13th APCBE was jointly organized by ASHRAE-HKC, HKIE-BSD, CIBSE-HKB, and the Hong Kong Polytechnic University Building Services Engineering Department. And it was also supported by ASHRAE Malaysia, Philippines, Singapore, Taiwan, Thailand and Indonesia Chapters as well as many international institutions and renowned scholars to come.

APCBE was an international conference that provided a platform for the researchers and practitioners to share ideas, information, experiences, new developments and future prospects in the area of HVAC&R for built environment. “Next Gen Technology” was the theme of the conference. It was about the future technology being developed for more sustainable built environment, including design approach, system controls, construction

The conference received positive response. More than 300 participants joined the event.



APCBE held on 19 & 20 Nov 2015.



# SOCIAL ACTIVITIES

## RED WINE TASTING WORKSHOP & FENG SHUI SHARING

Red Wine Tasting Workshop & Feng Shui Sharing were held on 7 October 2015. 25 participants joined the workshop and had an unforgettable time. It was an evening filled with good fun and laughter.

The evening included two parts of sharing, Feng Shui sharing and wine tasting workshop.

At the beginning, the speaker, Mr. Ron Poon, spent an hour on sharing his insights into Feng Shui in relation to engineering. Afterwards, a dinner was served before the wine tasting workshop held by a wine tutor. The tutor taught the skills and social etiquette of tasting red wines, the method of choosing red wine and key points of food pairing. He also shared the history and culture of red wine, introduced several types of red wine. This workshop was successfully held and was highly appraised by participants.



Wine tasting workshop and Feng Shui Sharing held in Oct 2015.

## AUTUMN HIKING 2015

Autumn Hiking 2015 was held on 25 October 2015 with great success. 41 participants went hiking at Tung O Ancient Trail on Lantau Island.

All the participants gathered at Tung Chung MTR Station and started the journey at 9am. The route is a well-defined trail and mostly surfaced. Most of the trail is a paved cement footpath and only the last section is an actual mountain trail. It is approximately 14km long. It was a comfortable sunny day. The team spent around 4.5 hours from Tung Chung to Tai O. All participants enjoyed hiking in the beautiful surroundings and expressed they are looking forward

to the next outing activity to be held by CIBSE in future.



Hiking held at Tung O Ancient Trail on Lantau Island.



# Bowling



A bowling competition jointly held by ASHRAE-HKC, HKIE-BSD, IFE-HK Branch and CIBSE HKB was successfully held on 30 April 2016. The competition was very exciting with scores close to each other. HKIE-BSD won the champion, with IFE -HK Branch and ASHRAE-HKC being the 1<sup>st</sup> and 2<sup>nd</sup> runner up respectively. All participants enjoyed the event very much and had a lunch together afterward.

# SPORTS ACTIVITIES

## BOWLING COMPETITION



Representatives from CIBSE-HKB participated in the joint institutions bowling competition.

## GOLF COMPETITIONS

The annual Joint Institution Golf Tournament of HKIE-BSD, ASHRAE-HKC and CIBSE-HKB was held on 20 May 2016 at Dongguan Phoenix Hill Golf Club under a fluctuating weather condition with heavy rain in between. CIBSE HKB team members from the committee included KY Leung, Vincent Luk, John Cheung and Sam Lok. Despite of the unfavourable weather, all participants completed the flight and enjoyed the games. After the challenging competition, CIBSE HKB won the champion, with HKIE-BSD and ASHRAE-HKC being the 1<sup>st</sup> runner up and 2<sup>nd</sup> runner up respectively. The trophies to players were presented in the Anniversary Dinner of HKIE-BSD on 24 May 2016.

The CIBSE Golf Competition was held on a sunny day on 11 December 2015 at The Jockey Club Kau Sai Chau Golf Course (North Course). There were a total of 7 flights with 28 participants. Prizes included Best Gross, Nearest to Pin and Longest Drive other than the Champion and runner-ups. Participants enjoyed not only the nice weather and the game, they also enjoyed a delicious seafood dinner in Sai Kung after the competition where the prizes were presented. Members all looked forward to next golf arrangement by CIBSE.



Group photo of annual joint Institution golf tournament Participants.



Group photos of cibse golf competition participants.

## CIBSE SHANGHAI PANEL



Activities organized by Shanghai Panel of CIBSE.

For the development of Shanghai Panel (SHP), the ex-chair of SHP, Mr. Alan Lau, after leading the panel for several years has retired after completing his term for 2015/16. We sincerely thank Alan for his dedicated contribution in CIBSE's development in China! At the same time, we also welcome the new SHP Chair Mr. Kelvin Tang, and trust under the leadership of Kelvin, the development of SHP will continue to boom.

SHP helped to liaise with CIBSE members around Shanghai city and organized various technical events locally, and helped to promote the development of CIBSE in China. The works of SHP include : organized a BIM CPD seminar on 27 November 2015, served as the judge panel members of the Design Competition Campaign launched by the Nottingham University Ningbo Campus (UNNC) in 2015, and participating in the mentoring programme with the University of Nottingham Ningbo with four CIBSE members acted as mentor.



CIBSE HKB YEN COMMITTEE 2016-2017



A group photo of 2016-2017 CIBSE YEN committee members .

Back Row: Billy Wong, Kenny Ho, Jimmy Leung, Alex Lo, Kenneth Fong, Kwanho Shing, Ivan Li, John Wong, Patrick Fung, Michael Lai, Connie Chan  
Middle Row: King Wong, Kristi Chong, Joyce Leung, Isabella Chen, Juan Lo, Esther Mak, Yuen Yee Fan, Mianne Chu, Martin Yim, Yoyo Wong, Phyllis Wong  
Front Row: Eve Leung, Mandy Wong, Marcus Chan, KY Leung, Steven Chow, Tony Lam

## YEN GLOBAL CONFERENCE IN HONG KONG



A group photo of Global YEN in Hong Kong.

The Young Engineers Network (YEN) Global Conference held in Hong Kong in 2015 was the first time for this conference to be held outside United Kingdom. This is a unique opportunity for young engineers at their early career stage in building services to broaden their horizons in an international setting. It also offered a chance for young engineers to take part in a series of professional development and technical visit, and to participate in the Annual Joint institution technical symposium organized by CIBSE HK Branch, ASHRAE HK Chapter and HKIE-BS Division.

This Conference had been organized and prepared for one year by CIBSE Headquarters, CIBSE HK Branch and YEN. CIBSE HK Branch and HK YEN had to plan and organized the seminar, technical visit, conference, discussion forum and social activities during the conference period. One-week intensive program was planned for the delegates who came from different YEN regions, such as

Northern Ireland, Republic of Ireland, Australia, UAE and HK. This conference was held from 15 November to 20 November 2015. There were 25 YEN delegates from different YEN regions joined this conference with CIBSE President Elect Mr. John Field, Technical Director Dr Hywel Davies and YEN mentor Mr Andrew Saville accompanied the delegation.

Before start of the conference, a welcome party was held to greet the YEN and Headquarters delegation by Hong Kong Branch and Hong Kong YEN. A speaker Mr. Michael Stone was invited to talk about the experience of a foreigner working in Hong Kong, and the difference of working lives between Hong Kong and western countries. In addition, Chinese cultural games were held to introduce Hong Kong and Chinese culture. There were 50 participants in the dinner, including YEN and Headquarters delegates and committee members of HK Branch and YEN. Everyone enjoyed

themselves in meeting new friends from different regions and sharing of experiences in building service engineering.

During the conference, several technical seminars and visits were arranged for the YEN delegates to explore the building services engineering in Hong Kong and China listed below:

### **HK Administrative and Cultural Arrangements Briefing Session**

It was glad to have invited Mr. Raymond Siu, a solicitor of Hong Kong for nearly 10 years and is now a partner of a law firm, to give the delegation an interesting introduction to political and legal system in Hong Kong.

### **Sharing experience on doing business as engineer in China**

Mr. Alan Lau, Chairman of Shanghai Panel - CIBSE HK Branch, was invited to share his experience in carrying out engineering project in China.

## YEN GLOBAL CONFERENCE IN HONG KONG

### **International Commerce Centre (ICC) technical visit**

The ICC is the sixth tallest building in the world, and won the 2015 CIBSE Building Performance Award for Facilities Management Operations. This visit showcased the building services and provided an insight into the operation of a major landmark commercial building. Before the technical visit, a technical sharing section on the building services systems of the International Commerce Centre (ICC) was conducted by representatives of ICC, Mr. Howard Yeung and Mr. Patrick Leung, and designers from J. Roger Preston, Mr. Elmen Chu and Mr. Tony Lau.

### **Formal reception at British Consulate General**

A formal reception was held in British consulate to provide the guests with an insight into the work done by the Foreign and Commonwealth Office to support UK business interests outside UK and Europe.

### **Electrical and Mechanical Services Department (EMSD) visit together with DCS plant visit and Zero Carbon Building**

The role of EMSD in Hong Kong government sector was introduced during the visit. Also, the Education Path at the EMSD which aims to increase the public awareness of energy efficiency and renewable energy technologies was also visited.

The Kai Tak District Cooling System which is one of the major projects by EMSD was visited. This visit gave

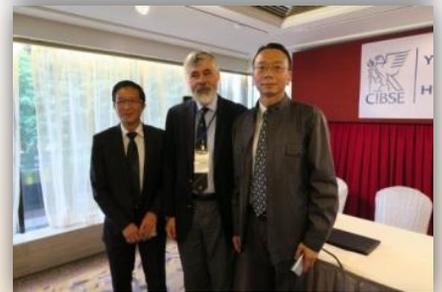
an insight of installing a large scale centralized air-conditioning system for an area over 320 hectares. The centralized system utilizes the underground water pipe network to transport the chilled water from the plant to the consumer buildings. This scheme can save more spaces in the buildings for other usages, for example, greenery.

Lastly, a visit to Zero Carbon Building was arranged. Zero Carbon Building is a building with zero net energy consumption or zero net carbon emission on an annual basis. There are a lot of showcases showing the recent technologies for low carbon living.

### **Macau visit**

A one-day tour to Macau was held on 18 Nov 2015. Half day technical visit to Venetian Resort was arranged. The Venetian Macao is a luxury hotel and casino resort in Macau owned by Las Vegas Sands. It consisted of 3000 hotel suites, 500,000 square-foot casino and an arena with 15,000 seats. The resorts received between 70,000 and 100,000 visitors each day. During the visit, the Venetian representative showed chiller plant room consists of 26 nos. chillers with total 185MW cooling capacity. The chiller plant room had already planned to cater for 750,000 sq.m planned expansion for resort future development. There were another technical visit to Studio City which was a new resort development in Cotai Strip. Apart from casino, shopping arcade and hotel, it comprised with special attractions such as figure 8 Ferris

wheel, 4D Batman theatre, magic show theatre, etc. In the visit, the representative also showed visitors the 11kV HV switchgears, 11kV/400V transformers, and 8 nos. of 2000kVA HV generators. Both technical visits gave an idea on the services coordination in large-scale development and major plant replacement strategies.



## YEN GLOBAL CONFERENCE IN HONG KONG

### The 13<sup>th</sup> Asia Pacific Conference on the Built Environment : Next GEN Technology to make Green Building Sustainable

All YEN delegates attend the APCBE to explore the idea of next GEN technology to make green building sustainable.

### YEN Chair Conference

Each regional Chair and/or Vice-Chair was one of delegates in the conference. A full day meeting was arranged by YEN representatives from HQ to bring YEN leaders together with HQ staff and senior officers to co-ordinate plans for the future development of YEN, and to expose the majority of the YEN

leadership to the challenges of Building Services Engineering in another climate zone and culture.

Beside the technical seminars and visit, a series of social and cultural events were arranged by HK YEN to let the YEN delegates from different regions to experience the life in Hong Kong, which included Wing Chun Kung Fu experience workshop, sightseeing at the Peak, and tram party. In addition, YEN delegates also have chance to enjoy Asian food including dim sum Cantonese food, Japanese style food and etc.

The conference was ended with

great successes and all of us enjoyed the happy moment during the conference time. It was a great opportunity to assist and co-organized the big event with CIBSE HQ. Besides the corporate sponsor of this conference from CIBSE Headquarters, special thanks was given to the local companies, FSE Engineering Holdings Limited and REC Engineering Company Limited, for their generous sponsor to some of the activities.



Global YEN conference activities in Hong Kong and Macau.

## YEN CHAIR CONFERENCE IN EDINBURGH



*CIBSE YEN Chairs Conference 2016*



*Edinburgh Castle*



*CIBSE Technical Symposium 2016*

Mr. Marcus Chan, CIBSE HKB YEN Chair and Ms. Eve Leung, Immediate YEN Past Chair represented HK YEN to attend the YEN Chair Conference in Edinburgh from 15 to 16 April 2016. All the YEN Chair and Vice-Chair among 16 regions, and Mr. Hywel Davies, Technical Director-HQs, attended the conference.

During this trip, they attended the CIBSE Annual Technical symposium which was held at Heriot-Watt University. It shared how building services integrated into our daily life. The following programme was a visit to the university laboratory showing their student projects about plumbing and drainage acoustic performance laboratory.

Apart from these, they attended a technical tour to Scottish National Blood Transfusion Service (SNBTS) National Centre construction site. The tour was led by a team of experienced engineers. They showed a role model of excellent site safety and well coordinated services that supported the facilities, including offices and laboratory. Visitors could see

the blood storage arrangement and were offered an insight on how the blood collected could be used in different medical treatment and to save life.

The YEN chairs meeting hosted by CIBSE HQs was held in the afternoon on 16 April 2016. Mr. Carla Bartholomew and Mr. Hywel Davies from CIBSE HQs chaired the meeting.

During the meeting, every YEN region representative gave a report and feedback about the Global YEN conference 2015 held in Hong Kong. Everyone expressed it was fruitful to visit Hong Kong and Macau landmark projects. It was decided that the next Global Conference would be held in Dubai in 2017.

Apart from this, lots of issues have been discussed and a workshop was conducted. Through the discussion, YEN Chairs got together to brainstorm ways to promote CIBSE and building services industry in every regions.



*Visit to Scottish National Blood Transfusion Service (SNBTS) National Centre construction site*

## ELDERLY HOUSE VISIT

YEN organized a community services event to visit the Elderly House on 31 January 2016 at the Yin King Home of Aged.

As it was approaching to the time of Lunar New Year, participants wore costume as God of Fortune-. During the visit, YEN members sang songs and did physical exercise with the elderly. Also, drama was performed to wish everyone a Happy Lunar New Year.

They all had an unforgettable great time with the elderly. All of them believed that this was a meaningful activity and hope to organize the same in future.



Elderly home visit on 31.1.2016.

## MITSUBISHI FACTORY VISIT IN JAPAN

YEN and Mitsubishi Electric (Hong Kong) have jointly organized a Factory Visit in Japan from 18 Oct to 22 October 2015. Two Mitsubishi factories had been visited, including Wakayama factory and Shizuoka factory.

The first Mitsubishi factory YEN had visited was Air-conditioning and Refrigeration System Work Factory located at Wakayama. The factory mainly produces air conditioning and refrigeration system including low temperature equipment, water-cooled central air conditioning equipment and packaged air-conditioning system.

During the visit, our young engineers have a great chance to visit their product show room and the production line of variable refrigerant flow (VRF) system outdoor unit, and followed by a

technical talk to introduce the mechanism of the VRF unit and its components.

The second Mitsubishi factory YEN had visited is located at Shizuoka. This is the main research and development factory of Mitsubishi Electric. The concept of Factory Works is "Eco Amenity", which refers to a combination of ecology and comfort. Other than research and developing new equipment, home appliances and residential air conditioners are also produced in this factory. From this visit, our young engineers have the opportunities to understand better the technology/ mechanism of the products, which could be useful in their future design.



A technical talk organized by Mitsubishi Electric.



## SPORT TOURNAMENTS

The annual event, CIBSE HK Branch YEN Sport Tournament 2015, was successfully held on 23 September 2015. The theme of the tournament was Neon Dodgeball with the participation of different young members from HKU, CityU, PolyU and YEN committees. This tournament provided a sharing platform to bring together the students and young engineers in building services industry to strengthen their inter-relationship. Everyone enjoyed a lot in this gathering opportunity under a causal atmosphere to promote friendship among each other. The champion of the competition was PolyU student members and YEN Team won the 1st-runner up. The event was full of joy and memorable that all participants were eager to have the next competition as soon as possible.



YEN sports tournaments held on 23.9.2015.

## TECHNICAL VISIT TO DCS AT KAI TAK DEVELOPMENT

Technical visit to District Cooling System (DCS) at the Kai Tai Development was successfully held by CIBSE HKB YEN on 28 November 2015. There was around 30 participants participated in this event. It provided a chance for our members to understand more about the advanced operation of district cooling system in Hong Kong.

Before the visit, a brief introduction to all participants was given by the DCS operators to let them understand more about the engineering challenge faced during the construction stage and

operation of the DCS. After the briefing, members then visited the KTDCS operation control room to have a look of the sophisticated BMS system to see how the control was set to distribute chilled water to meet the users' need. After that, we then visited centralised DCS chiller plant room to see the mega size chillers.

We would like to express sincere thanks to Mr. Tommy Lo and his colleagues for their great efforts in arranging this technical visit.



Technical visit to DCS at Kai Tak development on 28.11.2015.

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