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# Message from the Chair

## CIBSE Hong Kong Branch: Get Connected and Looking Ahead

Dear fellow members,

This is a very special session, we are proud to have our CIBSE President, Mr. Peter Y WONG, from Hong Kong for the first time. It is my great honour and pleasure being the Chair of the CIBSE Hong Kong Branch in the session 2017/18 and presented together with Past Chairs of CIBSE Hong Kong Branch to Peter's Inauguration in London. His Presidential Address calling for "Reach Out" and "Spread CIBSE Message" has enlightened us to bring more members on board and to bring in knowledge as well as letting the industry to see caliber of CIBSE members.

CIBSE President 2017/18 – Presidential Address  
<http://www.cibse.org/About-CIBSE/Governance/President/Presidential-Addresses>



President Peter Y Wong and Past Chairs of CIBSE HK Branch (Dr PL YUEN (L) and Mr. Thomas CHAN(R))

With several new opportunities being explored and initiatives developed further to 2016/17 session, our capable Branch committee including Shanghai Panel and over 30 energetic YEN members are making their best contribution to provide members with knowledge gain, services support, membership drive, built environment fit, networking opportunities and linkage with CIBSE communities as well as broadening their networks with United Kingdom,

Hong Kong, Mainland Chinese and international building services engineering related communities.

The wide-eyed CIBSE Hong Kong Branch has been actively getting connected with the opportunities arising from CIBSE digitalization engineering in relation to BIM application in building services engineering, CIBSE knowledge-based training services and also supportive participation in CIBSE awards, such as the "Building Performance Awards 2018", through progressive collaboration with CIBSE Hq and the industry. All of these new potential development will definitely enrich experience of our members and all building services practitioners in getting more CIBSE specific services support, knowledge and recognition.

Looking ahead, the Branch is organizing the CIBSE Retreat Day 2017 on 23 September 2017 to establish a visionary and 3-year rolling action plan in line with the strategic framework of CIBSE Vision 2020 and foundation of the Branch's operation and initiatives being contributed to members as well as the industry.

The Branch looks forward to have continuous support of members and all building services engineering communities to our various initiatives and activities, views are most welcome for the continuous enhancement and development of the Hong Kong Branch.

**Stanley CHOW**  
Chair, CIBSE Hong Kong Branch, Session 2017-18



# CIBSE HK Branch Committee 2017/18



Group photo of 2017-2018 CIBSE HKB committee members, past chairs and coordinators of HKIE BS Division and ASHRAE HK Chapter  
 Back row, left to right: Tony Ngan, Hyvan Wong, Steven Chow, Joey Mo, Marcus Chan, MY Chan, John Chan, Keith Ma, Albert Lo, Calvin Fu  
 Front row, left to right: Peter Long, Vincent Luk, CM Chung, Stanley Chow, KY Leung, John Cheung, Stephen Wong

2017-2018 CIBSE HKB committees 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:

- |                      |   |
|----------------------|---|
| • Stanley CHOW       | Chair   |
| • K Y LEUNG          | Immediate Past Chair  |
| • Stephen WONG       | Vice-Chair  |
| • Peter LONG         | Honorary Secretary  |
| • T C CHAN           | Honorary Treasurer  |
| • C M CHUNG          | Professional Interview Coordinator                                |
| • Keith MA           | Training and Development Coordinator                              |
| • Hyvan WONG         | Mainland Affairs Co-ordinator                                     |
| • Dr. M Y CHAN       | Social Secretary  |
| • John CHAN          | Government Co-ordinator   |
| • Joey MO            | Communications Co-ordinator                                       |
| • Tony NGAN          | Technical Activities Co-ordinator                                 |
| • Vincent MA         | Conference Co-ordinator   |
| • P L YUEN           | Honorary Advisor and Professional Interview Co-ordinator          |
| • Steven CHOW        | YEN Chair   |
| • Gary CHIANG        | Co-opted Member   |
| • Dr. Sam HUI        | Co-opted Member   |
| • Ethan POON         | Co-opted Member   |
| • Dr. KL CHAN        | Co-opted Member   |
| • Calvin FU          | HKIE BS Division Co-ordinator (2016/17)                           |
| • Brian CHENG        | HKIE BS Division Co-ordinator (2017/18)                           |
| • Albert LO          | ASHRAE HK Chapter Co-ordinator (2016/17)                          |
| • CS WONG            | ASHRAE HK Chapter Co-ordinator (2017/18)                          |
| • 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 2017

The CIBSE Hong Kong Branch Annual Dinner 2017 was held on 28 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 Dr. KO Wing-man, BBS, JP, The Secretary for Food and Health then, as our Guest of Honour and gave a speech in the event. He mentioned that health care engineering was very important to the daily operation of hospitals. He also thanked the building services engineers for bringing in smart building services engineering solutions to the health care system, and appealed the building services engineering practitioners to contribute to the 10-year hospital development plan.

There were also many distinguished guests from various sectors, including Legislative Council Member (Engineering Constituency) Ir Dr. the Hon LO Wai-Kwok, SBS, MH, JP, representatives from Architectural Services Department, Electrical & Mechanical Services Department, Fire Services Department, Buildings Department, Housing Department, engineering institutions, engineering department of universities, and our Hon Fellow Mr. PK Kwok.

The dinner started with a welcoming speech given by Mr. KY Leung, the Chair of CIBSE Hong Kong Branch (2016/17), on a brief account of the achievements

and accomplishments of the Branch in the past 12 months. There was presentation of souvenirs to all Branch Committee Members in Session 2016 / 2017 for their effort. Besides, there was also presentation of appreciation certificates and medals by the President Elect then, Mr. Peter Y Wong, to the past chairs in appreciation of their significant contribution and support to the Branch over the past years. 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, fabulous rope skipping performance was performed by the Hong Kong Institute of Rope Skipping. One of the most exciting parts of the annual dinner was the last dancing performance by the incoming Chair, Mr. Stanley Chow, and a group of teenagers and his daughter. Their performance received loads of applause.

Towards the end of the dinner, Mr. Chow, on behalf of the Organizing Committee of the Annual Dinner 2017, expressed thanks to all members, guests and representatives of companies /organizations 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. Chow invited all participants to continue rendering their support to CIBSE next year.

# ANNUAL DINNER



Δ Group photo of Dr.Ko and CIBSE HK branch committee



Δ Group photo of CIBSE HK branch committee 2016/17 and honourable guests



Δ Dr. Ko Wing-man delivered speech



Δ Group photo of CIBSE HK branch past chairs



Δ Mr. KY Leung delivered speech



Δ Mr. Peter Y Wong delivered speech



Δ Mr. KY Leung presented souvenirs to Mr. Stanley Chow and his daughter



# Annual General Meeting

The Annual General Meeting (AGM) of Hong Kong Branch for the 2016 / 2017 session was held on 7 March 2017 at World Trade Centre Club in Hong Kong. Over 40 members attended the AGM, and CIBSE Technical Director Dr Hywel Davis also joined the meeting.

In the meeting, Mr. KY Leung, the Chair (2016/17), delivered his annual report, and Mr. Peter Long, the Honorary Treasurer, presented the financial report of 2015. In the meeting, Mr. Stanley Chow and Mr. Stephen Wong were elected as the Chair and Vice-Chair respectively for the 2017 / 2018 session.

After the AGM, a technical talk on “Smart Battery Condition Monitoring and Diagnostics System” was delivered by Professor Chung Shu Hung Henry from the Department of Electronic Engineering of the City University of Hong Kong. His talk covered the importance of battery diagnosis, battery

testing methods, proposed health monitoring and diagnostic system, on-site application and demonstration.

Mr. KY Leung, on behalf of CIBSE-HKB, presented a certificate to thank Mr. Chung for delivering such an informative talk.



Mr. Leung presented certificate to Prof. Chung Shu Hung



Group photo of CIBSE Chair, committee, Mr. Peter Y Wong and Dr. Hywel Davis



Mr. Chow delivered his chair message

# CIBSE Delegation Visit to Shanghai

The CIBSE Hong Kong Branch, led by the Chair, Mr. KY Leung (Session 2016/17) and joined by the President Elect then, Mr. Peter Y Wong, past chairs Mr. Thomas Chan, Dr. T.M. Chung, Dr. PL Yuen and some committee members, had successfully held a delegation visit to Shanghai between 11 and 14 January 2017. Starting with a meeting with the Shanghai Panel Chair Mr. Kelvin Tang and committee members, this was a fruitful tour for the delegation to pay for various courtesy and technical visits for promoting CIBSE in Shanghai.



A CIBSE Seminar for New CIBSE Lighting Guide and Application was held on 13 January jointly by Shanghai Panel and HK Branch. The speakers included Ms Sophie Parry from UK, Dr TM Chung from HK, and Dr Yang Yun from Shanghai, covering topics on office lighting, lighting for exterior environment, and lighting for commercial space respectively. The President Elect then, Peter gave an opening speech and the seminar was well received by over 40 participants from various local associations and institutions.



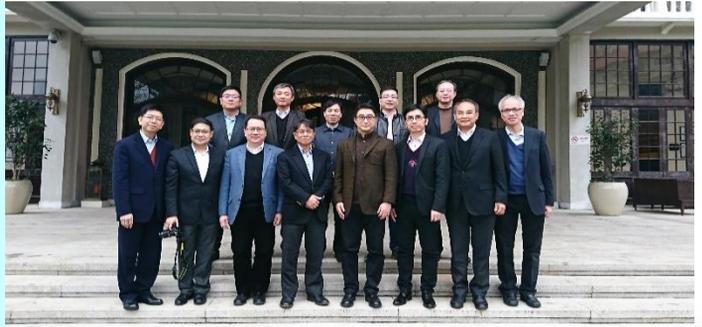
The delegation paid visit to the KONE Park Kunshan factory on 13 January 2017, where houses KONE's largest elevator and escalator factories, and a 36-story lift test tower for high speed lifts. The park was opened in 2013 and has been granted LEED Gold certification.

The test tower, reaching a height of 235.6 meters, is one of the world's tallest elevator test towers, contains 12 shafts, and was opened in 2015.



CIBSE HQ and the Shanghai Association for Science and Technology (SAST) had signed an Agreement in 2005, aiming to develop mutual beneficial exchanges of information and knowledge related to areas of science and technology, and plan a long-term professional relationship between both organizations. And also to explore the opportunities for mutual acknowledgement of engineers' qualification.

The delegation visited SAST on 12 January 2017 and exchanged views with the Vice-chairman Mr. Lu Lin and representatives of four engineering and technology associations from Shanghai for collaboration of engineering activities and development in Shanghai. SAST appreciated CIBSE in arranging technical seminar in Shanghai for exchange of knowledge and experience.



SAST Meeting



Technical Visits

The delegation, together with the representatives from HKIE BS Division and some local building services engineers, had also visited the renowned Disneyland theme park together with its BIM Research Centre and an elevator test tower during the visit.

The Shanghai Disneyland Resort, the latest Disney resort which was opened in June 2016, led by the Walt Disney Imagineering (WDI) team, has over 70% of the buildings developed in a BIM environment, which benefit the WDI team to run numerous projects concurrently by accessing the same resources and support, collaborating and sharing knowledge under the BIM portal.

Ms. Louise Pang, Director of Environmental Design & Engineering of Walt Disney Imagineering Asia Ltd., and her colleagues, have kindly arranged the visits to the Disney BIM Research Centre and the theme park. The team shared the design philosophy and highlighted some areas where were built with the aids from BIM, and the special design/construction of the theme park.

# President-Elect 2016/17

## Visit to The University of Nottingham, Ningbo

CIBSE has been offering support to The University of Nottingham, Ningbo on building services engineering. The President Elect then Mr. Peter Y Wong led a delegation visited the University and has met with the representatives from the University to discuss on future support and collaboration between both parties in promoting building services engineering, qualification, BIM management training and research projects.



Group photos taken at visit to the University of Nottingham, Ningbo



The delegation has also visited The Centre for Sustainable Energy Technologies and Digital City Infrastructure and Technology Innovative Laboratory of the University. Zero Carbon Building and the BIM Management Training with VR demonstration was experienced by the delegates.

# BIM MANAGEMENT TRAINING



Group photo of CIBSE HK Branch committee and OC of UNNC.

Jointly organized by the CIBSE HK Branch and The University of Nottingham Ningbo China (UNNC), the seminar on Building Information Modelling (BIM) Management Training was held on 15 May 2017 at the Hong Kong Polytechnic University.

Following the introduction given by Mr. Stanley Chow, Chairman of CIBSE HK Branch Committee 2017-2018, Ir Dr. Llewellyn Tang from the University of Nottingham Ningbo and Mr Ryan Mao from British Standards Institution (BSI) shared the latest development of BIM, BIM standards from UK and core capabilities of BIM management with the audience.

This seminar successfully attracted over 40 participants and presented them with a roadmap to be BIM talents.



Mr Chow presented certificate to Mr. Mao (Top) and Ir Dr. Llewellyn (Bottom)

# Digital Built Britain Level 3 Building Information Modelling Strategic Plan Forum

A digital built Britain Level 3 Building Information Modelling (BIM) strategic plan forum, which was organized by D-CiTi Lab, University of Nottingham Ningbo China and co-organized by CIBSE HK Branch, HKIE BS Division, HKIBIM and BSI, was held on 6 Jun 2017 at British Consulate-General Hong Kong.

We were honored to invite Dr. Mark Bew MBE as the speaker. He is at the forefront of UK and European BIM development and the push towards a digitally enabled construction sector. As Chairman of the Government's BIM Task Group, he leads the Digitally Built Britain programme, which will merge the development of BIM, Smart Cities, industrial controls and advanced manufacturing, to accelerate the digitalisation of the sector and unearth benefits including increased value and reduced costs. Dedicated to driving up standards, he delivers

objectives drawing on his deep knowledge and understanding of how the construction industry works - and how it could work - to best effect.

The forum was started by giving an opening speech by Ir Dr Llewelyn Tang, Director of D-CiTi Lab, Head of Architecture and Built Environment Department, UNNC. After that, Dr. Mark Bew gave a keynote speech on the topic of "Digital Built Britain & BIM Level 3 Strategic Plan".

This forum has successfully attracted over 40 Executive representatives and senior managers from the government and private sectors to join. A cocktail was held right after the speech for the participants to network with each others.



Top Left: Dr. Mark Bew gave a keynote speech  
 Top Right: Executive representatives and seniors managers participated the forum  
 Bottom: The Development Bureau of HKSAR government joined the event organizers to appreciate the plan of the Digital Built Britain

# Technical Seminar on Chiller Optimisation

A half-day technical seminar on chiller optimisation organised by CIBSE HK Branch was conducted on 19 June 2017 at the Zero Carbon Building. Two experts in chiller optimisation and retro-commissioning, Mr. Victor Leung and Mr. Kenneth Li, were invited as speakers in this seminar which was well received by over 100 participants.

efficiency by operating optimised quantity of equipment to achieve optimum operating condition. Mr. Kenneth Li presented the basic principles and procedures in carrying out retro-commissioning, and also highlighted some common findings in case sharing.

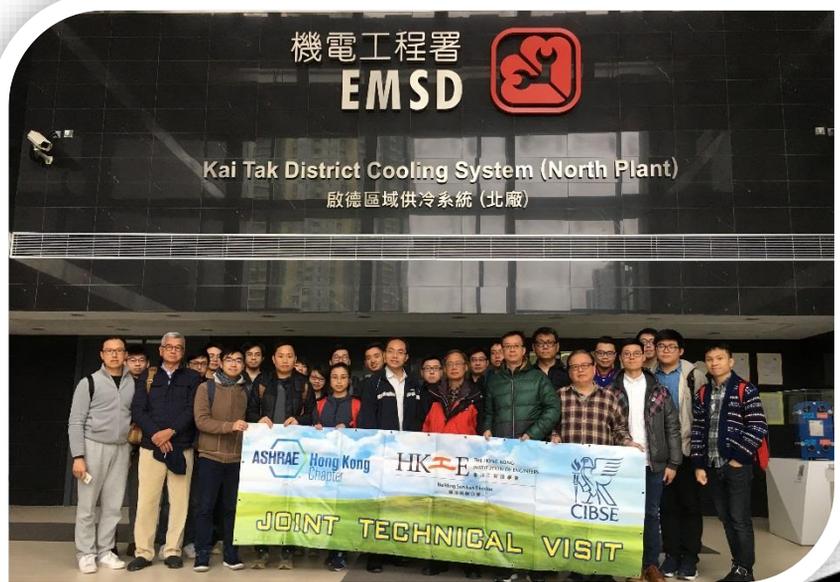
Mr Victor Leung shared with the audiences some practical ways in maximising chiller operating



Photos of Speakers and Organizing Committee taken at technical seminar on chiller optimization.

# Joint Technical Visit to The District Cooling System at Kai Tak

Technical Visit to The District Cooling System at Kai Tak Development was conducted on 25 Feb 2017. It was a technical activity jointly organized by CIBSE HK Branch, HKIE BS Division and ASHRAE HK Chapter. The DCS at KTD is a large scale centralized air-conditioning system. It utilizes sea water to produce chilled water at the central plants and distributes the chilled water to consumer buildings in the KTD through underground water piping network. The cooling capacity of the DCS is about 284 megawatt of refrigeration (MW<sub>r</sub>) for serving the non-domestic air-conditioned floor area of about 1.73 million m<sup>2</sup>. During the visit, Mr. CW Leung of the Hong Kong District Cooling Company Limited introduced the KTDCS system, equipment models; operation, control system and plant visit.



Group photo of participants taken during technical visit to DCS at Kai Tak

# Joint Technical Visit to CLP Energy Efficiency Experience Centre (EEEC)



Group photo of participants taken at EEEEC

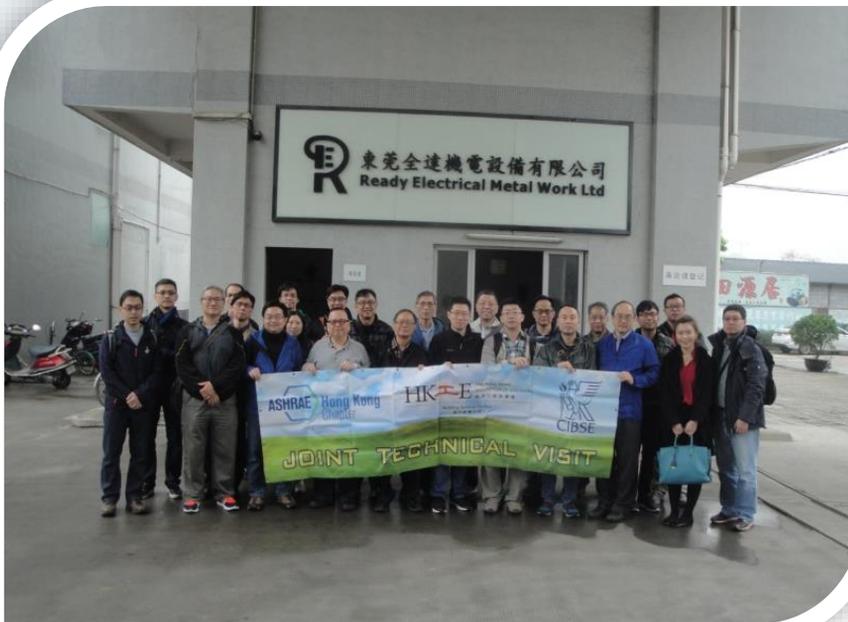
Technical visit to CLP Energy Efficiency Experience Centre (EEEC) was held on 17 Feb 2017. It was a technical activity jointly organized by CIBSE HK Branch, HKIE BS Division and ASHRAE HK Chapter. EEEEC is an exhibition area showing energy solution that achieve greater energy efficiency and competitive advantage for commercial and industrial sectors through the use of interactive approach. Different zone areas demonstrate the solution to Lighting, Mechanical Ventilation and Air Conditioning, Heating, Inspiration innovative products and alternative electrical cooking equipment.

# Joint Technical Visit to Ready Switchboard Factory in Dongguan PRC

Technical Visit to Ready Switchboard Factory in Dongguan PRC was held on 11 Mar 2017. It was a technical activity jointly organized by CIBSE HK Branch, HKIE BS Division and ASHRAE HK Chapter. We visited one of the biggest switchboard suppliers in Hong Kong with the factory cover an area of 450,000 square feet. Mr KW Leung of Ready introduced the manufacturing of switchboards from planning, design, fabrication, testing & commissioning, factory testing to the logistic arrangement.



A briefing was conducted before the visit



Group photo of participants taken at technical visit to Ready Switchboard Factory in Dongguan PRC

# ShanXi ( TaiYuan) – Hong Kong Joint Symposium 2017

## “Smart City – The Way to a Better Tomorrow”

The symposium was successfully held at Tai Yuan , ShanXi, on 29 and 30 June 2017. This symposium was jointly organized by CIBSE Hong Kong Branch, HKIE BS Division, ASHRAE HK Chapter and our mainland partners including 山西省土木建筑学会暖通空调专业委员会, 山西省土木建筑学会热能动力专业委员会 and 山西制冷学会空调热泵专业委员会 . Besides, the Department of Building Services Engineering of the Hong Kong Polytechnic University was the co-organizer of this symposium. Under the main theme of “Smart City – The Way to a Better Tomorrow”, over 160 participants including 50 participants from Hong Kong attended the symposium for sharing their experience with view exchange on the development of building services engineering and related technologies in TaiYuan and Hong Kong. Mr. 路宾 副院长 , the Advisor of the Symposium and Mr. Calvin FU, the representative of

Hong Kong Co-organizers gave an opening speech.

After that, 12 papers out of the total 16 published papers of the symposium were presented in 4 sessions during the first day of the event. On the next day, the programme started with a group discussion which were about Frost Free Heat Pumps and HVAC Application as well as their engineering design. Advisor and audiences actively shared their view and experience in Mainland China. The last session of the symposium was to introduce the professional institution of both Hong Kong and TaiYuan. In the end, closing speeches were given by Mr. Michael SUNG and 王远清先生 who are Hong Kong and TaiYuan representatives respectively.



Left: Mr. Stanley Chow received souvenir  
Right: Group photo taken at ShanXi – Hong  
Kong Joint Symposium 2017



# Spring Hiking 2017

The CIBSE Social Event – Spring Hiking 2017 organized by Social Secretary Mr. Sam Lok, was held on 26 February 2017 (Sunday) with great success. 31 participants went hiking at Lung Fu Shan and High West on Hong Kong Island.

All the participants gathered at HKU MTR Station in the morning. The journey began at 9:15 am. The route is approximately 7km long. The team spent around 2 hours to arrive at the peak of High West (494m height). After 3.5 hours of hike, all the participants reached the end point - Pok Fu Lam Reservoir.

Although it was a chilly day, all participants had a lot of fun with companions and enjoyed the stunning view of the west coast of Victoria Harbor, Western Kowloon peninsula, Pok Fu Lam Reservoir, Lamma Island and Lantau Island. They expressed that they were looking forward to the next outing activity to be held by CIBSE.



Group photo of participants taken at hiking at Lung Fu Shan and High West on HK Island



Group photo of students, tutors and CIBSE HK Branch committee

CIBSE HK Branch has been offering continuous support to academic institutions 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 way of recognition and encouragement for their impressive achievements.

The awards that CIBSE HK branch offers include CIBSE Prizes, CIBSE Student Project Prizes, and CIBSE Book Prizes.

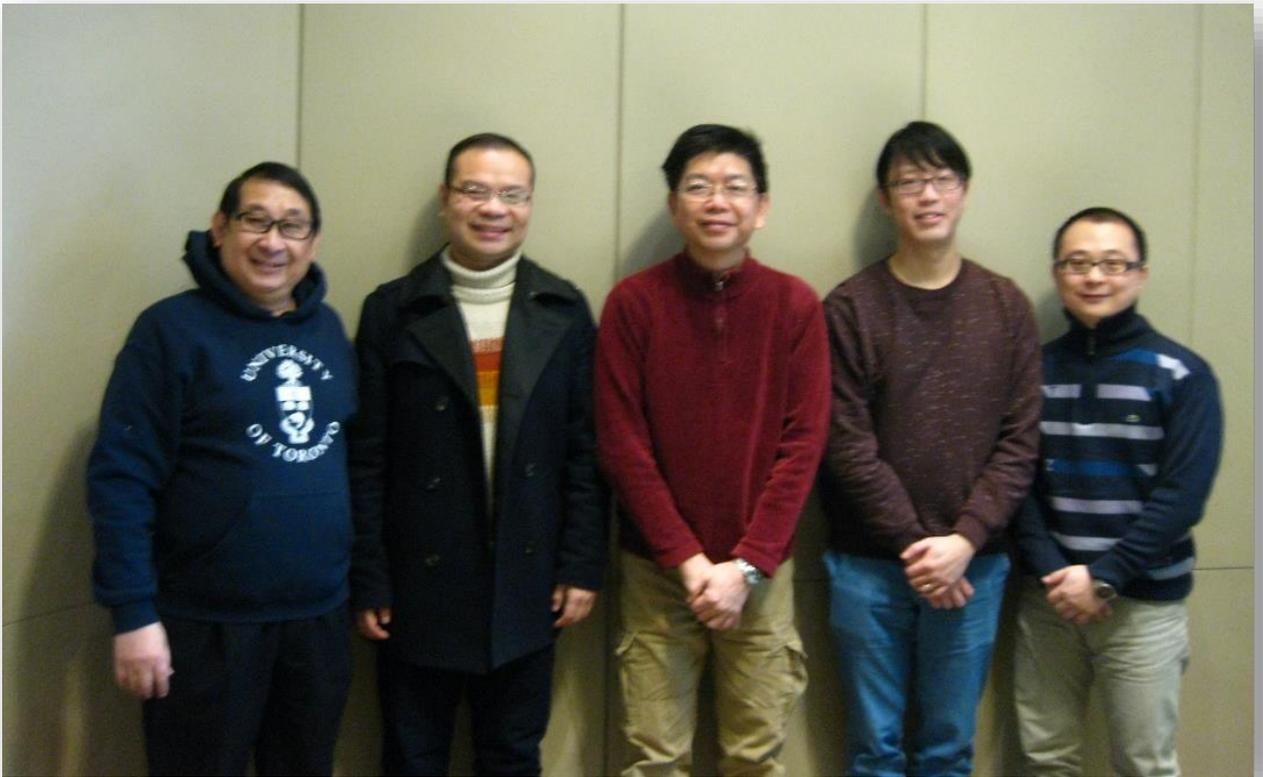
CIBSE Prizes represent the highest recognition amongst all these awards. They are given to students with the best performance in relevant courses, whom are nominated by their universities.

The winners of CIBSE Prizes for year 2016-17 are as follows :

CityU: Mr. LAM Tsz Chun  
 HKUST: Mr. CHOI Hang Yan  
 PolyU: Mr. MAK Hoi Kit

Congratulations to all CIBSE Prize winners!

# CIBSE SHANGHAI PANEL COMMITTEE 2017/18



From Left to Right:  
Kei Chun Hung, Dr. Liang Xia, Kelvin Tang, Alpha Chu, Jacky Wong

2017-2018 Shanghai Panel comprises of five members. The names and posts are as follows:

- 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)

# Video Conference on Air Conditioning Design with UNNC

To help the students of The University of Nottingham (Ningbo) to resolve the technical problems encountered in their projects, the institution organized a sharing session by video conferencing on 14 April 2017 and invited Mr. Kei Chun Hung and Mr. Alpha Chu from the CIBSE Shanghai Panel to share their views with the students. The participants discussed about the basic control theory, the design of VAV system, the VSDs, the operation sequencing of cooling towers, engineering practice of HVAC control system. Mr. Kei

stated he was keen to share his practical experience with the students and hoped the students would benefit. This conference is organized by Dr. Liang Xia who is SH Panel event coordinator and Professor of the Nottingham University at Ningbo.

The CIBSE Shanghai Panel considers the sharing session is meaningful in inspiring the students and promoting the CIBSE. Similar activities will be organized in the future.



SHP committee members and students participated the video conference

# One Day Course on Air Conditioning Plant Logic Controls in UNNC

The lecture was organized by Dr. Liang Xia, SH Panel event coordinator and Professor of Department of Architecture and Built Environment, The University of Nottingham NingBo, China ( UNNC) delivered by CIBSE SHP committee member, Mr. Kei Chun Hung.

The main purpose of this lecture is to provide the CIBSE student members of UNNC with fundamental principles and skills required to understand control logic of major equipment for different air conditioning systems and applications. After taking the one-day course, the participants would appreciate the approach to identify the most appropriate logic control for chiller and boiler equipments under part loading and the criteria for running more or less

equipment from demand changes in most economy operating cost.

The participants also learnt the system could be run under System Coefficient of Performance (SCOP) program by simulating past operating records to predict upcoming demand from time to time with less sensors but keeping the system running in further stability mode. The short course included the ideas of controlling VAV system of pressure independent, pressure dependant and calculated volume method and analyzing the pros and cons with different approaches consist of energy, installation cost and stability.



# Technical Visit to Factory of Purenfort

CIBSE Shanghai Panel organized a site visit to the factory of Purenfort at Jiading of Shanghai on 29 July 2017. The factory mainly produced air purifiers. Mr. Steven Mao, the Associate Director of Purenfort, escorted the participants to visit the show room, the production lines and the testing laboratory. Mr. Mao also provided a presentation to introduce the working principles of the air purifiers for kitchen exhaust systems and grease treatment system for kitchen

sewage. The participants learned about the applications of various air purifiers for grease and odour removal. They also had opportunities to see the quality assurance procedures and testing methodologies for the air purifiers. Demonstration of the operation and maintenance method of the products by Purenfort's engineers were impressive.



Group photo



Mock-up kitchen exhaust and UV purifier testing



Presentation by Mr. Steven Mao from Purenfort



Visit of production line of the factory

# YEN COMMITTEE 2017/18



Group photo of 2017-2018 CIBSE YEN committee members

**Back Row:** (left to right) Kristi Chong, Esther Mak, Felix Fung, Jimmy Leung, Sing Cheung, Tyrus Ng, Kenji Wong, Kenny Ho, Kwanho Shing, Hilbert Ng, Patrick Fung, Oscar Suen

**Middle Row:** (left to right) King Wong, Joyce Leung, Irene Kwan, BanBan Ip, Phyllis Wong, Willow Yip, Steven Poon, Henry Chan, Ivy Chan, Rebecca Chi, Yuen Yee Fan, Connie Chan, Juan Lo, Martin Yim

**Front Row:** (left to right) Yoyo Wong, Mianne Chu, Eve Leung, Stanley Chow, Steven Chow, Tony Lam, Marcus Chan

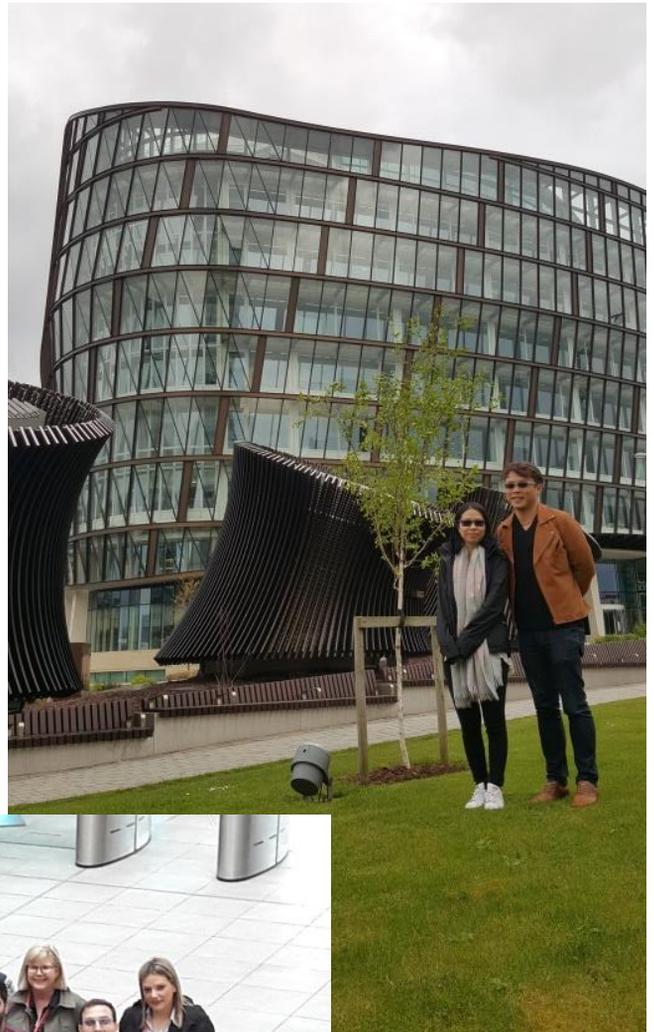
2017-2018 CIBSE YEN committee comprises of 29 members. The names and posts are as follows:

- |                |   |                    |                     |
|----------------|---|--------------------|---------------------|
| • Steven CHOW  | Chair                                   | • Esther MAK       | Co-opted Member     |
| • Marcus CHAN  | Immediate Past Chair                    | • Irene KWAN       | Co-opted Member     |
| • Tony LAM     | Vice-Chair                              | • Kristi CHONG     | Co-opted Member     |
| • Mianne CHU   | Honorary Secretary                      | • Ivan LI          | Co-opted Member     |
| • Juan LO      | Honorary Treasurer                      | • Martin YIM       | Co-opted Member     |
| • Patrick FUNG | Branch Activities Coordinator           | • Alan CHAN        | Student Coordinator |
| • Jimmy LEUNG  | Branch Activities Coordinator           | • Jacky CHEUNG     | Student Coordinator |
| • YuenYee Fan  | Branch Activities Coordinator           | • Simon LAM        | Student Coordinator |
| • Michael LAI  | Communications & Networking Coordinator | • Ricky TANG       | Student Coordinator |
| • Yoyo Wong    | Communications & Networking Coordinator | • Anthony WONG     | Student Coordinator |
| • Joyce LEUNG  | Communications & Networking Coordinator | • Matthew LUCAS    | Student Coordinator |
| • Phyllis WONG | Professional Development Coordinator    | • Tiffany CHAU     | Student Coordinator |
| • King WONG    | Professional Development Coordinator    | • AU YEUNG Yiu Nam | Student Coordinator |
| • KwanHo SHING | Professional Development Coordinator    |                    |                     |
| • BanBan IP    | Promotion & Public Affairs Coordinator  |                    |                     |
| • Alex LO      | Promotion & Public Affairs Coordinator  |                    |                     |
| • Felix FUNG   | Promotion & Public Affairs Coordinator  |                    |                     |

# YEN CHAIR CONFERENCE

Ms. Eve Leung, YEN advisor and Mr. Steven Chow, YEN Chair 2017/18 represented Hong Kong Branch YEN to attend the YEN Chair Conference 2017 held from 12 May to 14 May 2017 at Manchester, United Kingdom. This conference included the technical visit to One Angel Square, Manchester, the headquarters of Co-Op on their innovation BS design and operation tactic. and covered a verity of the YEN developments, including the YEN proposal on Young Engineers Networking area at CIBSE Build2Perform on 21-22 Nov 2017, the planning for YEN Global conference 2017 at Dubai and so on.

In connection of this annual event, CIBSE Handquarters also invited them to attend the Annual General meeting 2017 at London and the Board Awayday at Cumberland lodge as representatives of the Young Engineers Network to consider strategic aspects of the development of institution, especially for the membership development in UK and international.



Ms. Leung and Mr. Chow represented HK to attend the conference.



A group photo taken at YEN Chair Conference.

*Celebrating*  
**15 Years!**

# 15th Anniversary Reception

The Young Engineers Network (YEN), originally as Young Members Group (YMG), just celebrated the 15th Anniversary on 31 March 2017. There were over 60 guests participated in the 15th Anniversary Reception. Representatives from fellow young professional institutions including ASHRAE-YMC, CIArb-YMG, HKIE-YMC, HKIS-YSG, HKLS-YSG and IMechE-YMS joined the Reception to celebrate with the YEN committees. Mr. Peter Wong, the President Elect, Mr. KY Leung, the Chair

of CIBSE HK Branch, and Mr. Patrick Kwan, the conveyor of YMG, were invited by Mr. Marcus Chan, the Chair of YEN, to be the speakers in the Reception. Everyone enjoyed the evening under free flow of drinks and canapés instant photo booth and mini game. Souvenir packs featuring YEN logo were distributed to the participants of the Reception.

Group photo taken at 15th Anniversary Reception



# YEN CAMP WILD



Wild activities are being a hot topic and welcomed by people in these few years recently. To answer this fervor, Young Engineers Network organized a wild camp on 14-15 January 2017 at Chong Hing Water Sports Centre to let our young members to experience and enjoy our natural environment out of daily work. Many positive feedbacks were received to the YEN so we will explore more opportunities to organize this kind of activity to our members to act as enjoyment and networking.



Group photo taken at YEN Wild Camp

# Career Talk

The career talk was successfully held on 18 Jan 2017 at The Hong Kong Polytechnic University, with more than 30 nos. of students and graduate students joined in the evening. The talk was mainly introduced to our audiences their career path in different building services firms, like, Government, Client, Consultant, Contractor and Graduate Engineer. It was our honor to have Mr. KY Leung, Senior Building Services Engineer – Housing Department, Mr. Chris Kwan, Senior Project Manager – LINK Asset Management Limited, Ms. Mandy Wong, Building Services Engineer – Wong & Ouyang (Building Services Limited), Mr. Martin Ng, Senior Construction Manager – Gammon Construction Limited and Mr. Alex Lo, Graduate Engineer – EMSD, as our guest speakers. Our speakers had shared their perspective in their work field, scope of work and the way to entry. After the talk, all of audiences were enhanced and reinforced their knowledge for upcoming professional development in this society.



Mr. KY Leung received trophy



Mr. Chris Kwan received trophy



Ms. Mandy Wong received trophy



Mr. Martin Ng received trophy



Mr. Alex Lo received trophy

# CIC Construction Young Conference 2017



A photo taken at CIC Construction Young Conference 2017.

CIBSE YEN was invited by the Construction Industry Council as one of the supporting organization for the first-ever CIC Construction | Young Conference on 18th February, 2017 held at Hotel Icon, Tsim Sha Tsui. The all day long conference started from 08:30 in the morning till 15:00 had been involved with more than 300 participants, involving students, engineers, architects, workers, government representatives and the press media.

The conference majorly covered three areas of discussion and sharing, namely the economy, technology and society. One main speaker was invited for a concise yet amusing seminar for each session, followed by a sharing with a group of guests led by a host.

Via the conference, millions of questions would be popped out in participants' mind:

*How could construction facilitate the economic growth of an underdeveloped countries? While at the meantime, can we avoid putting harm on the*

*environment?*

*What sort of the innovation could be fit in well to help the development of the construction industry? BIM, robotic, material testing, app or etc.?*

*And all of us being the construction field professionals, what can we do to help preserving the sustainability of the city? Are our designs are really beneficial to the neighborhood? Is there anything to help those living in difficult situation? And any ways to help building the interests in construction field among the youngest?*

Answers were able to be found while attending the fruitful conference.

All in all, the Young Conference was successfully created a platform for young professional to share their ideas and vision over the development of the industry, and letting the participants to explore and think more deeply over difference aspects of the industry!

# Technical Visit to Alice Ho Miu Ling Nethersole Hospital



Group photo taken at the Alice Ho Miu Ling Nethersole Hospital.



A technical visit to Alice Ho Miu Ling Nethersole Hospital (AHNH) was held on 12 August 2017 by CIBSE YEN.

AHNH is the first successful government project that utilizes landfill gas in a Combined Heating and Power system (CHP) in Hong Kong for a distributed energy system. This system was developed by the Hospital Authority and The Hong Kong and China Gas Co Ltd.

Participants were shown how the CHP generates electricity by landfill gas and recovers waste heat from the flue exhaust and the jacket cooling water to generate steam and hot water generation in Hospital. This project could reduce carbon dioxide emissions by 40% which is equivalent to planting 87,000 trees. It has set a good example of smart usage of the CHP system, the benefits of distributed energy system and social engagement on sustainability.

The event was held successfully and 25 participants participated-in the technical visit.



# Upcoming

# EVENTS

21 Sep  
2017

## **CIBSE YEN Mooncake Class**

Date: 21 Sep 2017  
Time: 8:45 – 10:45 pm  
Venue: Twins Company

23 Sep  
2017

## **CIBSE Hong Kong Branch Retreat Day 2017**

Date: 23 Sep 2017  
Time: 9:00 am to 4:30 pm  
Venue: HKPolyU

Sep - Nov  
2017

## **Joint Comprehensive Certificate Course on Electrical Systems In Smart City 2017**

Date: 26 Sep 2017 – 15 Sep 2017  
Time: 7:00 pm - 9:30 pm  
Venue: HKPC Building

Sep  
2017

## **CIBSE YEN - Chartership and Membership Briefing Session**

Date: Sep 2017  
Venue: PolyU

Oct  
2017

## **Joint Technical visit to THEi Chai Wan Campus**

Date: Oct 2017  
Venue: THEi Chai Wan Campus

Oct  
2017

## **CIBSE YEN - Technical Visit to Ocean Park**

Date: Oct 2017  
Venue: Ocean Park

Oct  
2017

## **CIBSE YEN - BIM Technical Seminar Series**

Date: Oct 2017  
Venue: PolyU

24 Nov  
2017

## **Hong Kong Joint Symposium 2017 – Start Journey towards Green Infinity**

Date: 24 Nov 2017  
Time: 9:00 am - 5:00 pm  
Venue: Shangri-la Kowloon

14 Dec  
2017

## **CIBSE One-day Seminar – Digital Engineering Series and BIM for Building Services**

Date: 14 Dec 2017  
Venue: Inno Centre



## Call For Entries

# ENTRIES

Entry deadline  
15 September 2017

Entries are being sought for the 2018 Building Performance Awards, the only awards in the industry that are judged on actual, in-use performance rather than projections or designed performance.

The Building Performance Awards is one of the most important events CIBSE hosts, because it demonstrates to the industry what is possible to achieve with hard work and the commitment to succeed.

<http://cibse.org/BPA>

Highlighting examples of engineering excellence rewards performance with the recognition it deserves. Equally, increasing understanding around the benefits of building performance is the only way we will be able to encourage better behaviours in the years ahead.

Please read on for full details of the categories for entry, ten reasons to enter, the article in the CIBSE Journal featuring our 2017 winner of International Project of the Year, DPR Construction's Net Positive Energy San Francisco Office.

<http://www.cibsejournal.com/archive/PDFs/CIBSE-Journal-2017-08.pdf>

There are 5 Steps to entry:

1. Select the categories you wish to enter
2. Download and complete your entry form(s)
3. Start your FREE online entry
4. Upload your entry form, supporting document PDF and photographs
5. Select finish to submit your entry

For details, please refer to the site below

<http://www.cibse.org/building-performance-awards/how-to-enter>

We look forward to receiving your entry by the deadline of Friday **15 September 2017**.

### Award Winners from Hong Kong

*Energy Management Initiate Award 2017*

- Swire Properties Hong Kong

*Facilities Management Award 2015*

- International Commerce Centre (ICC), HK, Kai Shing Management Services

“WE HAVE LOOKED AT THE  
**TINIEST DETAIL**  
TO DETERMINE HOW MUCH  
ENERGY HAS BEEN USED  
– DOWN TO THE SPECIFIC  
NUMBER OF CUPS OF TEA MADE  
**EVERY YEAR**”

Scott Kushverd, Senior Engineer at Max Fordham  
Winner of CIBSE Project of the Year – Public Use 2017

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(This Newsletter is also available at the CIBSE website at <http://www.cibse.org.hk>)