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The 19th Annual General Meeting



19th Annual General Meeting (AGM) of ASHRAE Hong Kong Chapter

The 19th Annual General Meeting (AGM) of ASHRAE Hong Kong Chapter was successfully held on 15 May 03 at Senate Room, 16/F, Li Ka Shing Building, the Hong Kong Polytechnic University. It started with the president's report given by Dr. Raymond Yau, President of 2002-03. He first expressed his sincere thanks to Governors and Committee Chairs and Members, who had contributed their time and efforts to ASHRAE and the Hong Kong Chapter during the year 2002-03. He reported that in this fiscal year, the chapter programs were run smoothly, including the ASHRAE Night, seven Board of Governors Meetings, various Committee Meetings and a number of ad hoc working meetings. Also, a total of 27 technical events which included seminars, talks, visits and symposia to respond to the current and emerging HVAC&R and related issues were organized.

As Dr. Yau mentioned, the ASHARE Headquarter has approved our proposed amendments to the Chapter Bylaws to bring in line with the ASHRAE up-to-date requirements as well as our own Chapter operation procedures and traditions. The Council of Past Presidents of the Hong Kong Chapter was also formally established and led by our Fellow Member Mr. C O Synn. The primary function of the Council was to provide necessary assistance and advice to the Chapter management in the strategic planning of the future operation of the Chapter. In addition, to improve the efficient operation of the Chapter, Management Training called the Six Thinking Hats Workshop was intended to organize for our officers and committee members.

Dr. Yau continued to say that our Chapter's members participated in the Region XIII 5th Chapters Regional Conference in Manila to exchange technical knowledge and to share experience on chapter operation with other chapters within this region, which include Malaysia, Philippine, Singapore, Taiwan and Thailand.

The 19th Annual General Meeting (Con't)

During this fiscal year, our TEGA Committee, on behalf of the Chapter, participated in the Task Committees and provided comments to a number of Government's studies such as the EMSD's performance-based building energy code and the potential application of renewable energy in Hong Kong. We also participated in ArchSD's Task Group Meeting on Control Standards for HVAC and assisted recently in collating our views on the Building Department's questionnaire survey in the drafting of the Comprehensive Environmental Performance Assessment (CEPAS) for buildings in Hong Kong. Under the leadership of Dr Leonard Chow, the ASHRAE Hong Kong Chapter Library was re-established at the Johnson Control office in January 03.

In view of the SARS outbreak in early March, the Chapter in conjunction with other organizations such as the BSOMES (Building Services Operation & Maintenance Executives Society) and The Department of Building Services Engineering of The Hong Kong Polytechnic University had organized a Joint Forum on 29 March 03 to enable building services practitioners to understand better the atypical pneumonia and its possible relationship with building services. Medical practitioners and our fellow professionals were invited to share their knowledge, which brought a series of very useful discussion. Subsequent to the event, the Chapter also joined the SARS Task Force with HKIE BSD, CIBSE HKB, BSOMES and HKACRA to look at ways to help people in needs in particular those medical professionals in the front line at hospitals.

Dr. Yau felt glad about the setup of Young Members Committee, which provides a platform for younger members including those who freshly graduated to organize their functions to suit their particular needs and to encourage their active participation in the chapter's activities and to nurture them for future leadership in the Chapter as well as in the industry. He also congratulated the successful operations of four Student Branches in Hong Kong. He added that Dr. Roger Chu has become a Fellow Member of ASHRAE this year for his distinct contributions in the arts relating HVAC&R industry, and Mr. Vincent Tse, our Governor, has been appointed to numerous important positions in the Society and indeed it is great honors to him and to the Hong Kong Chapter.

Despite these joyful events, the Chapter lost one of our most respectable senior members, The Founding President of ASHRAE Hong Kong Chapter - the late Dr. Edwin Tao who died of illness. To pay tribute to his excellent service to ASHRAE and to the Chapter, a memorial fund was established in February 2003. He finally concluded by expressing gratitude again to all members and officers for their participation and continuous support to ASHRAE and the Hong Kong Chapter.

Following the president's report, Mr. T.K. Chan, Treasurer of 2002-03 gave the financial status of the Chapter in the year 2002-03. After the treasurer's report, the following officers and members of the Board of Governors were elected for the year 2003-04.

President:	<i>Mr. Vincent Chu</i>
President-Elect:	<i>Mr. Tim Cheng</i>
Hon. Secretary:	<i>Mr. T.K. Chan</i>
Hon. Treasurer:	<i>Dr. Sam Hui</i>
Immediate Past President:	<i>Dr. Raymond Yau</i>
Governors:	<i>Mr. Vincent Tse Dr. Philip Yu Mr. W.K. Pau Mr. Edward Tsui</i>



Presentation of Certificate of Appreciation by President-Elect Mr. Vincent Chu (Right) to President Dr. Raymond Yau (Left)

Technical Presentation on “Performance Based Building Energy Code”

Following the 19th AGM, there was a Technical Presentation on “Performance based building energy code (PB-BEC)”. This code adopted an international approach of the concept of total building energy budget, whereby a designed building with energy efficient features would be compared with a reference building complying with the existing building energy codes. This designed building will be considered to comply with PB-BEC if its total building energy is not greater than that of its reference building. In this presentation, Dr. K M Leung, the chief engineer of Energy Efficiency Office, the Electrical & Mechanical Services Department, briefly described the concept of total building energy, the advantages of using PB-BEC and its background. He also discussed the basic requirements of PB-BEC and the simulation process of computing this total building energy.



Speaker Dr. K.M. Leung

Annual Dinner

The annual dinner was carried out at 8:00 p.m. at Four Seas Restaurant, 14/F Li Ka Shing Building, the Hong Kong Polytechnic University after the 19th AGM and the technical presentation on “Performance based building energy code”. This dinner served as a social gathering for our committee, members and guests. Representatives from different societies and organizations were invited to celebrate our 19 year establishment.



Toast to the guests by the ASHRAE Hong Kong Chapter Officers, Governors, Committee Chairs and Working Committee Members

Technical Workshop on HVAC System Control & Monitoring Devices and Logic

Technical
Workshop

On 30 May 2003, the Chapter Program organized a technical workshop on HVAC System Control & Monitoring Devices and Logic at the SCOPE United Centre Admiralty. This workshop had more than 40 participants and was presented by Mr. Nixon Yu, who is currently a Project Development Manager of Johnson Controls Hong Kong Ltd. In this workshop, Mr. Yu gave all participants an informative introduction on the concept of basic control and the review of control equipment. The characteristic and selection of control and monitoring equipment, including sensors, controllers and controlled devices, were covered in detail. The latest development of Direct Digital Control (DDC) & DDC programming capability and open protocols such as BACnet, LonWorks and OPC were introduced. Generally speaking, the information presented in this workshop can help the participants to understand the fundamental control concept and practical control system design.

On behalf of all participants, we would like to express gratitude to Mr. Yu for giving this informative workshop.



Certification presentation by Chapter Program Committee Mr. Tony Chan (Left) to the Speaker Mr. Nixon Yu

ASHRAE Leadership Interview

Our IT committee and Publication and Newsletter committee wish to express our gratitude to interviewing with our senior member Ir. Vincent Tse with a view to sharing his experience and opinions about the engineering industry. Ir. Tse is a fellow member of many professional institutions, including ASHRAE, HKIE, IMechE (UK), CIBSE (UK) and Inst. of Healthcare Eng. Estate Management (UK).



1. How did you join the engineering sector?

I enjoyed engineering technology when I studied Mechanical Engineering at Hong Kong Polytechnic. During this time, I decided on engineering as my ultimate profession. After graduation, I received my engineering training from T S Harrison and Sons in the UK in 1975 and later in 1978 I received my Master's degree in Building Services Engineering from the University of Manchester. On my return to Hong Kong I spent three years with J Roger Preston before joining Parsons Brinckerhoff (Asia) Ltd. In 1981 – that was 22 years ago and I have enjoyed every minute of it. Since 2001 I have been serving the company as Managing Director.

2. What are your secrets of success?

In my view, continuously introducing innovations and being proactive are the key to success. As market conditions, client expectations and technology changes and evolve over time, new problems and challenges will emerge. As engineers we cannot allow ourselves to stand still and should not expect these problems and difficulties to be solved by themselves. We must confront problems head on, do our best to provide a viable solution and persist until it is solved. I view problems as an opportunity. Once you have solved it there will be others waiting to be solved and if you cannot solve a problem immediately the opportunity is there for you to try again. So always be optimistic with problems, and face them with a happy heart

3. What is your outlook on your career?

The engineering discipline has changed considerably and it will keep on changing and will not wait for you. It is very important to keep on upgrading our professional standards to provide innovative ideas and value-added services to our clients. What's more, we must keep on maintaining technology and expertise at an international level.

4. What is your feeling about the change in E & M services in Hong Kong in recent decades? What is the position of E & M services in society in the future?

There has been a fundamental structural change in the demand and provision of E & M services in Hong Kong since the transfer of sovereignty in 1997. Our connection with China has become closer and closer. In fact, we now part of China. Compared to our Chinese counterparts, our salaries and costs are quite high. In order to compete with our counterparts, we need to enhance our competitive edge and benchmark against international standards. Under globalization, we not only have to compete on a local scale but increasingly we need to compete against international counterparts as well. We can no longer simply have only working experience in Hong Kong and China but we must have good knowledge of project requirements worldwide.

5. What is your appraisal of the standard of engineers?

A professional engineer should have good overall experience and be versatile and flexible to tackle problems from different points of view. Furthermore, he/she should have broad vision and consider the needs of others. (i.e. clients, other professions etc). I would strongly recommend that we should all be more technically, commercially, practical, flexible and innovative. Otherwise our future will be more and more difficult.

6. Are you proud of being an engineer?

Yes. Not only do I feel satisfied knowing that I have played a part in enabling something to be built and function as it was intended, but I feel most proud when I see my colleagues and fellow engineers show the level of professionalism and “can do” attitude that is a true credit to our profession.

7. What is your advice on the young engineers?

I think they should widen their horizons, understand the global issues in the design and operation of E & M services, including what international standards these services are based on and how international agencies and bodies influence their design and requirements. Reading international journals can help them appreciate these issues more.

8. What can you achieve as a member of ASHRAE? What is the greatest challenge? What are the things you most impressed with?

I would consider ASHRAE as an excellent training school for all its members. When I succeeded as the Director and Regional Chair of the Region XIII, I spent all my holidays attending meetings and conferences held by the ASHRAE headquarters. Although this added to my workload, but I got in return many intangible benefits that I would never have had. I had plenty of opportunities to meet people and make many friends in ASHRAE worldwide. I learnt a lot in chairing these meetings in the Region and gained good experience in dealing with people from different countries. Furthermore, these meetings gave me an opportunity to learn how to balance benefits and difficulties among chapters within the Region XIII.

9. You have received the “Distinguished Services Award” given by the ASHRAE headquarter for your contribution to the society and have been elected as one of the “distinguished lecturers” in 2003-05. What do you feel about this?

I am truly honored to receive this prestigious award and election and it goes to reinforce my belief that “the more you give, the more you get”.

10. Being one of the founders of ASHRAE HK Chapter, what do you feel about its 20-year establishment? What are your suggestions on the coming BOG and committee?

I have no regret about what effort I have made to our HK Chapter. Indeed, I really enjoy all the challenges during the establishment of this Chapter. I appreciate that every committee is enthusiastic about their duties and I love to share my experience with the coming BOG and committee. I hope every committee and members alike will continue to introduce innovations to this Chapter.



Mr. Tse (Right) was interviewed by Ms. Helen Chan (Left) and Mr. Jacob Yiu (Center)



Photo of Mr. Tse (Center), our Chapter IT Committee Chair Mr. Alan Lam (Right) and our Chapter Publication & Newsletter Committee Chair Mr. Jacob Yiu (Left)

HKIE-BSD Soccer Tournament

Joint Society Activity -
Football Match

The semi-final of the HKIE-BSD Soccer Tournament took place on 22 March 2003. The team of ASHRAE-HKC won 4-1 against that of CIBSE-HKB/IOP-HK, achieving the second runner-up in the tournament.

This kind of soccer tournament is held every year as part of society activities jointly organized by ASHRAE-HKC, HKIE and CIBSE-HKC. Our Chapter would like to welcome all members to participate this event. For members interested in forming a football team, please feel free to contact Mr. Travis Ting at 91033220 or travis@dcal.com.hk.



ASHRAE Hong Kong Chapter Team

ASHRAE Standards and Indoor Air Quality

Technical
Article

by Ir. Paco Tang and Dr Leonard Chow

There are currently two ASHRAE standards that are useful for IAQ professionals, viz:

1. ASHRAE Standard 62: Ventilation for Acceptable Indoor Air Quality
2. ASHRAE Standard 52.2: Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size

ASHRAE Standard 62

Having 11 approved addenda released since 1997, this is one of the ASHRAE standards that are operating under “continuous maintenance”. Standard 62 is the most widely recognized IAQ standard of care in North America and in most of the world. It contains the following key features for IAQ professionals:

1. A prescriptive approach of minimum ventilation rates based on occupancy in specific venues or “applications”
2. Guidance on selection and configuration of HVAC equipment to prevent IAQ problems
3. Recommended concentrations of selected constituents in indoor air, eg, humidity, CO₂, and particulate matter
4. An alternate approach “IAQ Procedure” to provide solutions in addition to ventilation for various IAQ scenarios

The definition of acceptable IAQ in Standard 62 sets out the health and comfort requirements of the standard in broad terms (see the text box below). The comfort portion of the definition of acceptable IAQ relates to the perception of odour and irritation. Section 5 of Standard 62 provides requirements and guidance on design, construction, operation, and maintenance of HVAC systems that are needed to achieve acceptable IAQ. Section 6 of Standard 62 provides 2 methods to determine appropriate rates of ventilation with outdoor air:

Ventilation Rate Procedure / IAQ Procedure

The ventilation rate procedure is a prescriptive approach to determining the minimum amount of outdoor air delivered to a space and various means to condition that air. The IAQ procedure is a more complex and flexible performance based method that focuses on quantitative evaluation of indoor air contaminants and allows recirculation with air cleaning.

ASHRAE Standard 52.2

A new system in defining filter’s minimum efficiencies has been introduced. A Minimum Efficiency Reporting Value (MERV) (pronounces as [mə:v]) will be assigned to the filters. Values range from MERV 1, which is a low efficiency, throwaway filter; up to a MERV 16, an above 95% ASHRAE dust spot filter.

To determine the required filter efficiency, you should start with the particle size of the target contaminant. Standard 52.2 organises airborne particles into 12 different size ranges, from 0.3 to 10.1 micrometers in diameter. To target a specific contaminant, the size range must first be known before it is possible to locate the corresponding MERV. Table 2 of Standard 52.2 matches various common contaminants with the correct MERV.

Standards 62 and 52.2 have been briefly introduced in this article. Both Standard could also be found in our ASHRAE Hong Kong Chapter library.



Ir. Paco Tang

Dr. Leonard Chow

Definition of Acceptable IAQ:

“acceptable indoor air quality: air in which there are no known contaminants at harmful concentrations as determined by cognizant authorities and with which a substantial majority (80% or more) of the people exposed do not express dissatisfaction.”

*ANSI/ASHRAE Standard 62-2001
Ventilation for Acceptable Indoor Air
Quality
Section 3, page 3.*

Do you know the minimum requirement of MERV in Standard 62?

“Particulate matter filters or air cleaners having a minimum efficiency reporting value (MERV) of not less than 6 when rated in accordance with ASHRAE Standard 52.2-1999 shall be provided upstream of all cooling coils or other devices with wetted surfaces through which air is supplied to an occupiable space.”

*ANSI/ASHRAE Standard 62-2001
Ventilation for Acceptable Indoor Air
Quality*



For Your Eyes Only
精選網站

ARTI 21-CR HVAC&R Research for the 21st Century

<http://www.arti-21cr.org/>

The Twenty-First Century Research (21-CR) initiative is a private-public sector research collaboration of the heating, ventilation, air-conditioning and refrigeration (HVAC/R) industry, with the mission to identify, prioritize, and undertake precompetitive research that focuses on decreasing energy consumption, increasing indoor environmental quality, and safeguarding the environment. ■

Coming Events

July 2003

July 8, 2003 (Tue)

HKIE-BSD/ CIBSE-HKB/ ASHRAE-HKC Joint Technical Talk: Application of Computational Fluid Dynamics in Building Services Engineering with Examples from SARS-related Research

July 10, 2003 (Thu)

1st BOG Meeting (2003-2004), King Palace Chinese Restaurant, Hopewell Centre, Wanchai

July 26, 2003 (Sat)

ASHRAE-HKC YMC Gathering: Driving Range Golf Training Course for Beginners

July 26, 2003 (Sat)

ASHRAE-HKC Technical Visit : SARS Test Chamber in HKU

August 2003

August 9, 2003 (Sat)

HKIE-BSD/ CIBSE-HKB/ ASHRAE-HKC Joint Technical Visit: BIPV at Wanchai Tower, HKSARG

August 19, 2003 (Tue)

HKIE-BSD/ CIBSE-HKB/ ASHRAE-HKC Joint Technical Talk: Use of PIMS for Construction Project

August 21, 2003 (Thu)

2nd BOG Meeting (2003-2004), King Palace Chinese Restaurant, Hopewell Centre, Wanchai

August 22, 2003 (Fri) to October 30, 2003 (Thu)

HKIE-BSD/ CIBSE-HKB/ BSOMES/ ACRA/ ASHRAE-HKC Joint Comprehensive Certificate Course on Air Conditioning and Mechanical Ventilation System in Buildings

September 2003

September 20, 2003 (Sat)

HKIE-BSD/ CIBSE-HKB/ SSP-IEE-HK/ ASHRAE-HKC Joint Half-day Workshop on Professional Liability for Engineers

September 19 to 21, 2003 (Fri to Sun)

ASHRAE Region XIII Chapters Regional Conference (CRC) 2003, Bangkok, Thailand

October 2003

October 9, 2003 (Thu)

3rd BOG Meeting (2003-2004), King Palace Chinese Restaurant, Hopewell Centre, Wanchai

October 17 to 19, 2003 (Fri to Sun)

Mainland – Hong Kong Joint Symposium 2003: New Technology for Better Built Environment, Qingdao, China

November 2003

November 2, 2003 (Sun)

ASHRAE Hong Kong Chapter 20th Anniversary – Family Day

November 18 & 19, 2003 (Tue & Wed)

HKIE-BSD/CIBSE-HKB/HKPU-BSE/HKSAR-EMSD/ ASHRAE-HKC Joint Conference: 7th ASIA Pacific Conference on the Built Environment – Innovations and Integrated Building Performance

December 2003

December 4, 2003 (Thu)

4th BOG Meeting (2003-2004), King Palace Chinese Restaurant, Hopewell Centre, Wanchai

Welcome to New Members and Member Upgrade!

(who have been granted membership in January – May 2003)

Members:

Kam-Wing Leung Joseph W S Law Lam C Kwong Daniel W T Chan Chi W Foak

Associate Members:

P Y Chan Foo Kwan Lee Chi W Tong Tsz Man Chan Siu P Lue Kwok Wing Yin
Cheung Ying Mo Pui Fung Ko Wing Chung Kam Wai So

Student Members:

<i>Ng Kwok Ming</i>	<i>Hui Man Kin</i>	<i>William Shing</i>	<i>Pak Kei Ng</i>	<i>Siu Yan Kit</i>	<i>Ho Chi Kit</i>
<i>Yuen Chi Kong</i>	<i>Yuen S Wai</i>	<i>Lo K Kit</i>	<i>Man Chun Tat</i>	<i>Lam Shing Ngai</i>	<i>Woo Yiu Chung</i>
<i>Mak Wai Lam</i>	<i>Yeung Tsz Kin</i>	<i>Tai K Chung</i>	<i>To S Koon</i>	<i>Li K Peng</i>	<i>Wong Y Shing</i>
<i>Au Yeung W Yip</i>	<i>Kwok Wa Chan</i>	<i>Tsoi Wai Kit</i>	<i>Hin Ting Lau</i>	<i>Li Wai Ting</i>	<i>Leung Yau Hung</i>
<i>Ho Y Ming</i>	<i>So Ming Chung</i>	<i>Tsang Wai Hong</i>	<i>Kwong C Hung</i>	<i>Ka Kei Yip</i>	<i>Law C Kit</i>
<i>W Y Kuen</i>	<i>Chan Y Sang</i>	<i>Kam K Yung</i>	<i>Lai Chi Yin</i>	<i>Kin H Sin</i>	<i>Wong Y Nung</i>
<i>Hung Sai Khan</i>	<i>Wing C Tsui</i>	<i>Lam Pok</i>	<i>Lai Koon Man</i>	<i>Chun Wai Tsui</i>	<i>Kam H Yau</i>
<i>Lai K Chan</i>	<i>Wing S Kwob</i>	<i>Yue H Yip</i>	<i>Hoi C Wong</i>	<i>Luk H Chi</i>	<i>Tat Fai Wong</i>
<i>Yan King Wong</i>	<i>Chin Man Cheung</i>	<i>Hing Fung Wun</i>	<i>Chui T Hing</i>	<i>Wai Fan Tsang</i>	<i>Man F Yuen</i>
<i>Lam Kam Ying</i>	<i>Wu KK Ken</i>	<i>Yu KM Betty</i>	<i>Tat Yeung Yung</i>	<i>Dong S Tat</i>	<i>Chan Wing Leung</i>
<i>Kwai Yin Choi</i>	<i>Ka M Wong</i>	<i>King Wa K Yuen</i>	<i>Howard Chan</i>	<i>K Y Chan</i>	<i>Lik Hang Chan</i>
<i>Ka Ho Cheng</i>	<i>Wing Sau Chow</i>	<i>Chi Kit Chung</i>	<i>Man Fai Chung</i>	<i>Chi Yung Lau</i>	<i>Chi Sun Iaw</i>
<i>Kim Wai J Lee</i>	<i>Tik Hang E Lo</i>	<i>Man Chung Lui</i>	<i>Chung Man T Ng</i>	<i>Wai Ching Shek</i>	<i>Hui Fung J Wong</i>
<i>Barry Mok</i>	<i>Ho Man Sin</i>	<i>Chiu Shing Tsang</i>	<i>Ho Lau H Wong</i>	<i>Lok Chi L Choi</i>	<i>Tak Choi Hai</i>
<i>Tak Shun Ho</i>	<i>Tsz Chun J Lai</i>	<i>Chi Ho Lee</i>	<i>Hui Fung Leung</i>	<i>Man Chun Lo</i>	<i>Wai Lung C Man</i>
<i>Ping Ki Wong</i>	<i>Chi Wai Yuen</i>	<i>Hon Wai Chan</i>	<i>Lok Fu Chan</i>	<i>Yik Chu Chan</i>	<i>Kin Cheong Chau</i>
<i>Chi Wai Cheung</i>	<i>Ho Yin Cheung</i>	<i>Ka Chun Cheung</i>	<i>Sin Yu Cheung</i>	<i>Wai Fung Choi</i>	<i>Yu Kit Fan</i>
<i>Tin Ching Fung</i>	<i>Ming Kin Wong</i>	<i>Man Lai Yeung</i>	<i>Ka Wai Chan</i>	<i>Sin Pang Szeto</i>	<i>Kwok Wai Tung</i>
<i>Shing Lim Chan</i>	<i>K W Cheng</i>	<i>Yu Pong Cheng</i>	<i>W C Cheung</i>	<i>Sai Hong Chiu</i>	<i>Shing Kzn Cheuk</i>
<i>Wai L Ho</i>	<i>Hung Tak Ma</i>	<i>Ho Ting Chung</i>	<i>Kin Kwan Tsoi</i>	<i>Yiu Tung Chan</i>	<i>Chi Ho Tony Ho</i>
<i>Ka Kit Ho</i>	<i>Kai Man Lui</i>	<i>Yuk Fai Yip</i>	<i>Kin Wa Lo</i>	<i>Chun Pang Kwan</i>	<i>Tak Chung Lok</i>
<i>Chak Man Ngai</i>	<i>Po Shan Wong</i>	<i>Wing Sang Tang</i>	<i>Chi Hang Wong</i>	<i>Hung Fung Wu</i>	<i>Chun Pong Yau</i>
<i>Chun Yip Au</i>	<i>Man Him Chan</i>	<i>Hang Sing Lau</i>	<i>Ka Lok Leong</i>	<i>Yuk Ming Li</i>	<i>Tsz Man Kam</i>
<i>Lap Yan Ko</i>	<i>Tai Wai Kwok</i>	<i>Po Wing Lam</i>	<i>Hon Kei Lee</i>	<i>Wai Ho Lee</i>	<i>Man Chung Lo</i>
<i>Ching Kit Luk</i>	<i>Ming Sum Ng</i>	<i>Sai Fan Tam</i>	<i>Wai Hong Tam</i>	<i>Yuen Ling Tong</i>	<i>Hing Wah Tsang</i>
<i>Ping Sin Tsoi</i>	<i>Ho Yan Wan</i>	<i>Kwan Chi Wong</i>	<i>Shu Wing Yeung</i>	<i>Man Chun Chow</i>	<i>Sze Yu Cheung</i>
<i>Ho Man Wong</i>	<i>Leong Wai Pak</i>	<i>Shing Yue Luen</i>	<i>Ting Ting Lam</i>	<i>Tsz Kwan Chan</i>	<i>Tsz Yan Chik</i>
<i>Hau Ping Cheung</i>	<i>Suk Ling Mok</i>	<i>Yiu Ting Lo</i>	<i>Tak Lung Ho</i>	<i>Pui Ki Lau</i>	<i>Cheuk Yin Wong</i>
<i>Chun M Chan</i>	<i>Nga Yung Shih</i>	<i>Sze Ki Kwok</i>	<i>Yu Mei Choi</i>	<i>Ngan Yu Cheng</i>	<i>Chung Yan Leung</i>
<i>Kam Yung Sit</i>	<i>Ka Wai Lo</i>	<i>Chui Ting Yeung</i>	<i>Kwok Yat Sing</i>	<i>Wai Chuen Suen</i>	<i>Shuk Yan Leung</i>
<i>Man Chun Wong</i>	<i>Ngan Ting Wong</i>	<i>Yu Chung Chan</i>	<i>Chin Ming Wu</i>	<i>Leung Sze Man</i>	<i>Wan Sze Tang</i>
<i>Mau Man Ho</i>	<i>Lam Chun Him</i>	<i>Tsz Hong Cheng</i>	<i>Chi Wai Cheung</i>	<i>Mak Cheuk Wai</i>	<i>Ying Ying Szeto</i>
<i>Ka Kz Lee</i>	<i>Yuen Ching Tong</i>	<i>Shung Hon Tang</i>	<i>Yuk Choi Yick</i>	<i>Chan K Yung</i>	<i>Wai Ho Leung</i>
<i>Ng Kwok Wai</i>	<i>Kwok Wai Lee</i>	<i>Kai Kwan Chan</i>	<i>Lee Yin Han</i>	<i>Shek Shing Law</i>	<i>Kwok Leung Lam</i>
<i>Pui Kei Ng</i>	<i>Tak W Law</i>	<i>Wai Kwok Leung</i>	<i>Shiu Ting E Lui</i>	<i>Ng Ka Pui</i>	<i>Li Xin Hui</i>
<i>Kwan Lok Ho</i>	<i>Ho Yan Leung</i>	<i>Chak Ting Lee</i>	<i>Wai Tong Chau</i>	<i>Yat Wa Hung</i>	<i>Hoi Sing Lau</i>
<i>Kevin Chia Sum</i>	<i>Lan Mei Wan</i>	<i>Mar F Tsang</i>	<i>Ho Wah Luk</i>	<i>Wai H Chan</i>	<i>Pak Kui Ng</i>
<i>Tsz Chun Lam</i>	<i>Sze Man Wan</i>				

Call for Articles

**Message from
Editor**

To provide a forum for researchers and practitioners to present, discuss and develop HVAC&R-related innovations and technologies, and to disseminate knowledge in both theoretical and practical aspects of HVAC&R services, the Publication and Newsletter Committee of ASHRAE Hong Kong Chapter welcomes articles, papers and technical notes on all aspects of HVAC&R engineering to be published in ASHRAE Link. Articles of less than 1,500 words should be preferably produced in Microsoft® Word for Windows or in the Rich-Text Format. Inclusion of illustrations (saved as JPG or TIF files) in articles is optional but recommended. Commercialism in articles is strictly prohibited. All articles should be submitted to the Committee Chair, Jacob Yiu by e-mail: jacobyiu@atal.com.hk or fax: 2563 7458. For inquires and further details, please contact the Committee Chair by e-mail.