



ASHRAE Region XIII

21st CHAPTERS REGIONAL CONFERENCE

17-18 August 2018
Crowne Plaza Hong Kong Kowloon East



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Conference Programme

Day 0	Thursday, 16 August 2018	Location	Note	Package				
08:00 - 18:00	Golf Outing (Kau Sai Chau) ^(#4)	Assembly at G/F Hotel Lobby	1					I
14:00 - 18:00	Joint Chapters RP Bowling Tournament ^(#5)	Assembly at G/F Hotel Lobby	1					J
19:00 - 22:00	Welcome Reception (Cocktail and Light Refreshment)	Diamond 8, 2/F	1		B	C	D0	
Day 1	Friday, 17 August 2018							
08:00 - 09:00	Student Registration	Foyer, 1/F	4					F
09:00 - 17:30	Student Program ^(#2) (Day 1)	Assembly at Foyer, 1/F	4					
09:00 - 18:00	Spouse Tour ^(#3)	Assembly at G/F Hotel Lobby						G
08:00 - 09:00	CRC & Technical Program Registration	Foyer, 1/F	1		B			
09:00 - 12:15	Technical Seminar ^(#1)	Grand Ballroom II, 1/F	1	A				F
12:30 - 14:00	Presidential Luncheon	Grand Ballroom III, 1/F	1				D1	
14:00 - 16:30	Business Session 1	Grand Ballroom II, 1/F			B	C		
	Coffee / Tea Break							
	Business Session 1 (Continued)							
16:30 - 17:30	Orientation & Caucus Session	Diamond 5-6, 2/F	2					
	APCBE Steering Committee	Diamond 3, 2/F	5					
19:00 - 22:00	Banquet Dinner	Grand Ballroom II, 1/F			B	C	E	F
Day 2	Saturday, 18 August 2018							
09:00 - 18:00	Student Program ^(#2) (Day 2)	Assembly at Foyer, 1/F	4					F
07:30 - 09:00	Executive & Caucus Session (Breakfast)	Diamond 8C, 2/F	2		B	C		
07:30 - 09:00	Women In ASHRAE (WIA) Session (Breakfast)	The Chef's Table, 1/F	6				H	
07:30 - 12:30	<u>Committee Workshops (Centralized Training):</u> • Research Promotion (RP)	Grand Ballroom III, 1/F						
08:00 - 10:00	<u>Committee Workshops (Session 1):</u> • Young Engineers in ASHRAE (YEA) • Grassroots Government Advocacy (GGA) • Chapter Technology Transfer (CTT)	Diamond 8A-8B, 2/F Diamond 3, 2/F Diamond 5-6, 2/F						
10:00 - 10:30	Coffee / Tea Break	Foyer, 1/F						
10:30 - 12:30	<u>Committee Workshops (Session 2):</u> • Membership Promotion (MP) • Student Activities (SA) • Electronic Communications (EC) • Refrigeration	Diamond 8C, 2/F Diamond 8A-8B, 2/F Diamond 3, 2/F Diamond 5-6, 2/F			B	C		
12:30 - 14:00	Host Chapter Luncheon & Awards Presentation	Grand Ballroom II, 1/F					D2	
14:00 - 15:30	Chapter Operation & PAOE Workshop / Business Session No. 2	Grand Ballroom III, 1/F						
15:30 - 16:00	Coffee / Tea Break	Foyer, 1/F						
16:00 - 17:30	Business Session No. 2 (Continued)	Grand Ballroom III, 1/F						
17:30 - 18:00	CRC Review Meeting	Diamond 1, 2/F	3					
Day 3	Sunday, 19 August 2018							
08:30 - 12:00	Regional Planning Meeting 1	Diamond 8, 2/F			B	C		
1	Open to all Members and other Participants							
2	Attended by Delegates, Alternates and Nominating Committee Member, Alternate & Reserve Alternate within Region XIII Only							
3	Attended by Society Officers, Regional Officers, Host Chapter Organising Committee & next CRC Host Chapter Organising Committee Only							
4	Open to Student Members Only							
5	Only APCBE Steering Committee							
6	Open to all Female Members Only							

List of the Conference Arrangements Committee Members

General Chair
Vice General Chair
Secretary
Treasurer
Technical Program Chair / Co-Chair
Student Program Chair / Co-Chair
Accommodations Chair
Attendance Chair
Hospitality Chair
Publicity Chair
Reception Chair
Registration Chair
Technology Chair
President / President-Elect (2017-18)
Honorable Advisor
Student Program Advisor

Mr. Alan Lam
Dr. CS Wong
Mr. Taylor Chow
Mr. Albert Lin
Mr. Patrick Huang / Mr. Tenny Tam
Mr. Joao Wong / Mr. Peter Lam
Ms. Sabina Chung
Ms. Michelle Law
Dr. Roger Chu
Mr. Tracy Pang
Mr. Jacky Ng
Mr. Joe Chow
Mr. Andy Lo
Mr. Michael Sung / Mr. SH Wong
Mr. Edward Tsui / Mr. WK Pau
Dr. Sam Hui

Contact

21st CRC Organising Committee

crc2018hk@gmail.com

www.facebook.com/crc2018hk

Host Chapter



CRC 2018 - Registration Form

NAME	ASHRAE MEMBERSHIP NO.		SPOUSE NAME (IF APPLICABLE)
COMPANY			
ADDRESS			
MOBILE	E-MAIL		
CHAPTER	REGION	POSITION	

Please tick off membership type:
☐ Society Officer ☐ Regional Officer ☐ Delegate ☐ Alternate ☐ Fellow ☐ Member ☐ Associate ☐ Student ☐ Invited Guest

PACKAGE TYPE	PACKAGE INCLUSIONS	FEE ON OR BEFORE 15 July 2018	FEE AFTER 15 July 2018
A	Technical Program [Includes Registration, Technical Seminar, Presidential Luncheon]	<input type="checkbox"/> US\$ 180 (HK\$ 1,400)	<input type="checkbox"/> US\$ 200 (HK\$ 1,560)
B	Business Session [Includes Registration, Welcome Reception, Presidential Luncheon, Business Sections 1 & 2, Orientation & Caucus Session (Delegates & Alternates Only), Banquet Dinner, Executive & Caucus Session (Delegates & Alternates Only), Committee Workshops, Host Chapter Luncheon & Awards Presentation]	<input type="checkbox"/> US\$ 375 (HK\$ 2,925)	<input type="checkbox"/> US\$ 425 (HK\$ 3,315)
C	Full Package [Includes all of Packages A and B]	<input type="checkbox"/> US\$ 450 (HK\$ 3,510)	<input type="checkbox"/> US\$ 500 (HK\$ 3,900)
D0	Welcome Reception - on 16 August 2018 (Thursday)	<input type="checkbox"/> US\$ 50 (HK\$ 390)	<input type="checkbox"/> US\$ 50 (HK\$ 390)
D1	Presidential Luncheon - on 17 August 2018 (Friday)	<input type="checkbox"/> US\$ 100 (HK\$ 780)	<input type="checkbox"/> US\$ 100 (HK\$ 780)
D2	Host Chapter Luncheon & Awards Presentation - on 18 August 2018 (Saturday)	<input type="checkbox"/> US\$ 100 (HK\$ 780)	<input type="checkbox"/> US\$ 100 (HK\$ 780)
E	Banquet Dinner - on 17 August 2018 (Friday)	<input type="checkbox"/> US\$ 150 (HK\$ 1,170)	<input type="checkbox"/> US\$ 150 (HK\$ 1,170)
F	Student Program [Includes Registration, Technical Seminar, Student Forum & Competition, Banquet Dinner, Technical Tour]	<input type="checkbox"/> US\$ 175 (HK\$ 1,365)	<input type="checkbox"/> US\$ 195 (HK\$ 1,520)
G	Spouse Tour [Includes Transportation, Sightseeing, Lunch]	<input type="checkbox"/> US\$ 130 (HK\$ 1,015)	<input type="checkbox"/> US\$ 130 (HK\$ 1,015)
H	Women In ASHRAE (WIA) Session [Includes Breakfast]	<input type="checkbox"/> US\$ 30 (HK\$ 235)	<input type="checkbox"/> US\$ 30 (HK\$ 235)
TOTAL (<input type="checkbox"/> US\$ / <input type="checkbox"/> HK\$)			

Food preferences: ☐ Vegetarian ☐ Halal ☐ No Beef ☐ Any ☐ Other : _____

Signature: _____

Date: _____
(DD/MM/YYYY)

Payment:

- (1) Pre-payment is required. All payments have to be settled before the dates of CRC2018. No payment on site will be accepted.
- (2) For overseas application, we only accept wire transfer payment and the details are shown as follows:-
 Name of bank : Hang Seng Bank
 Address : Head Office, 83 Des Voeux Road, Central, Hong Kong
 Swift code : HASE HKHH
 Account Name : ASHRAE Hong Kong Chapter
 Account Number : 390-525319-883
- (3) For local application, please make a crossed cheque payable to "ASHRAE Hong Kong Chapter" and post to our mail box at "P.O. Box 35612, King's Road Post Office, North Point, Hong Kong". At the back of cheque, please kindly state "CRC 2018", Name of Participant, Name of Company / Organization and Contact Number.
- (4) No refund will be allowed, but replacement will be acceptable if notified in advance.
- (5) Please email the completed Registration Form and scanned bank payment receipt / cheque to our CRC2018 official email at crc2018hk@gmail.com.

Remark:

- (1) Society Officers, Regional Officers, Delegates, Alternates, Committee Members of Chapters within Region XIII must register for either Package B or Package C.
- (2) Student Program is open for Student Member only. Student Students applied for Student Program are preferred to full-time undergraduate students.
- (3) If you have any queries, please feel free to contact our CRC2018 Organising Committee at crc2018hk@gmail.com.

Pre-CRC 2018 Activities - Registration Form

NAME	ASHRAE MEMBERSHIP NO.		SPOUSE NAME (IF APPLICABLE)	
COMPANY				
ADDRESS				
MOBILE	E-MAIL			
CHAPTER	REGION	POSITION		
Please tick off membership type: <input type="checkbox"/> Society Officer <input type="checkbox"/> Regional Officer <input type="checkbox"/> Delegate <input type="checkbox"/> Alternate <input type="checkbox"/> Fellow <input type="checkbox"/> Member <input type="checkbox"/> Associate <input type="checkbox"/> Student <input type="checkbox"/> Invited Guest				

PACKAGE TYPE	PRE-CRC ACTIVITIES	FEE [Deadline for Application: 20 June 2018]
I	Golf Outing - on 16 August 2018 (Thursday) [Includes transportation, ferry ticket, 18-hole green fee, locker, golf cart (on 2-person shared basis), a box of golf balls, lunch, snacks and water]	<input type="checkbox"/> US\$ 300 (HK\$ 2,340)
J	Joint Chapters Research Promotion (RP) Bowling Tournament - on 16 August 2018 (Thursday) <input type="checkbox"/> Chapter Competition <input type="checkbox"/> Corporate Competition <input type="checkbox"/> Student Competition	<input type="checkbox"/> US\$ 500 (HK\$ 3,900) <input type="checkbox"/> US\$ 500 (HK\$ 3,900) <input type="checkbox"/> US\$ 100 (HK\$ 780)
	TOTAL (<input type="checkbox"/> US\$ / <input type="checkbox"/> HK\$)	

Signature: _____

Date: _____
 (DD/MM/YYYY)

Payment:

- Pre-payment is required. All payments have to be settled before the dates of CRC2018. No payment on site will be accepted.
- For overseas application, we only accept wire transfer payment and the details are shown as follows:-
 Name of bank : Hang Seng Bank
 Address : Head Office, 83 Des Voeux Road, Central, Hong Kong
 Swift code : HASE HKHH
 Account Name : ASHRAE Hong Kong Chapter
 Account Number : 390-525319-883
- For local application, please make a crossed cheque payable to "ASHRAE Hong Kong Chapter" and post to our mail box at "P.O. Box 35612, King's Road Post Office, North Point, Hong Kong". At the back of cheque, please kindly state "Pre-CRC 2018 Activities", Name of Participant, Name of Company / Organization and Contact Number.
- No refund will be allowed, but replacement will be acceptable if notified in advance.
- Please email the completed Registration Form and scanned bank payment receipt / cheque to our CRC2018 official email at crc2018hk@gmail.com.

Remark:

- Students applied for Student Competition of Joint Chapters RP Bowling Tournament are preferred to full-time undergraduate students.
- If you have any queries, please feel free to contact our CRC2018 Organising Committee at crc2018hk@gmail.com.

Technical Seminar on 'Building Retro-Commissioning for System Optimization'

Date : 17 August 2018 (Friday)

Time : 9:00am – 12:15pm (Registration will start at 8:30am)

Venue : Grand Ballroom II, 1/F, Crowne Plaza Hong Kong Kowloon East

Speaker:



KONG Ka-wah

Senior Engineer,
 Electrical and Mechanical Services
 Department (EMSD), HKSAR

Topic 1:

Retro-commissioning for Energy Efficient Buildings in Hong Kong

More than half (55%) of Hong Kong's total annual energy end-use is in the form of electricity consumption and buildings take up about 90% of our total electricity consumption. It is imperative to reduce the use of electricity in buildings to help us combat climate change. At the same time, Hong Kong has the highest building density in the world, of which around 60% of the buildings are over 25 years old. The saving potential of these buildings would be significant.

Electrical and Mechanical Services Department (EMSD) has developed Technical Guidelines on Retro-commissioning in order to drive the wider spread of RCx in existing buildings. This topic will introduce the framework of technical guidelines and include some technical approaches from real cases, which explain the general RCx process and focus, and the energy-saving improvement proposals for building owners and the industry. EMSD hope that both public and private sectors can work together to improve overall energy performance of buildings in Hong Kong.

Speaker:



CHAN Wing-hong, Cary, JP

Executive Director,
 Hong Kong Green Building Council

Topic 2:

Driving for Retro-commissioning as a Best Practice for the Industry

The HKSAR has identified retro-commissioning as one of the strategy in meeting the COP 21 objectives. The Hong Kong Green building Council has been engaged to play the role of driving retro-commissioning to becoming a best practice for the industry. To this end, the Council has launched a program named "ACT-Shop" with the aim to build up the capacity of the industry on retro-commissioning. This topic will discuss on the ACT-Shop program itself and how it is further developed as a strategic plan for driving retro-commissioning to the industry.

Speaker:



Hoy R. Bohanon, Jr., P.E.

ASHRAE Distinguished Lecturer

Topic 3:

Retro-commissioning for Energy Savings

[GBCI Approved | 1 CE Hour | 0920010383 / AIA Approved | 1LU | BOHANON03]

What is retro commissioning? Is it required by LEED? How can a process save energy? What are some of the aspects of an energy saving retro-commissioning application? What guidance is available from ASHRAE guidelines? What are the types of savings from the process and what are the critical components to assure that savings are realized?

Speaker:



Raymond Yau, PhD

General Manager,
 Technical Services & Sustainable
 Development, Swire Properties Limited

Topic 4:

Sharing of Monitoring-based Commissioning (MBCx) Experience for Large Commercial Development

The major source of carbon emissions in cities is the building sector. Hong Kong's buildings account for about 90% of the city's electricity usage. Over 60% of our carbon emissions are attributable to generating electricity for our buildings. Therefore, achieving energy saving in the buildings sector is primary target for the short-and-long-term. Moreover, over 80% of buildings in Hong Kong are more than 10 years, how to maximize the energy saving potential of existing commercial buildings becomes a critical success factor.

Most of Swire Properties' Portfolios operated over 20 years and chiller replacement works have also been completed across portfolios in recent years. Therefore, a three-year monitoring-based commissioning (MBCx) plan has rolled out for Hong Kong Portfolios to enable persistence of energy savings. A systematic MBCx plan with the aim of optimizing system operation, diagnosis of energy waste trend, identifying improvement for existing building has been commenced in 2017. Case study and examples of applying MBCx in different stages for different type of Portfolios will be presented during the talk and look forward to further discussion on MBCx.

Student Program

Day 1: 17 August 2018

AM Session – **Technical Seminar on 'Building Retro-Commissioning for System Optimization'**

@ Grand Ballroom II, 1/F, Crowne Plaza Hong Kong Kowloon East

PM Session – **Student Forum and Competition**

@Hong Kong Design Institute

Part 1: Student Forum

Objectives: *To promote knowledge and culture exchange among each Chapter in Region XIII*

Each Chapter in Region XII is cordially invited to produce a 10-minute presentation on the topic "Building Design for Future" and a 5-minute presentation for "Festivals of your country".

The presentation for "Building Design for future" shall be related to the following six aspects:

- Architecture - Sustainability - Holistic - Recycles - Advance - Engineering

Each chapter shall send maximum 5 students to represent the chapter. The presentation shall be innovative with supporting of research, figures and calculation.



Part 2: Student Competition

Objectives: *To enhance cooperation skill among students for problem-solving*

Challenge games will be announced during the competition to have fun and enhance the cooperation among students for solving problems with limited resources.

Day 2: 18 August 2018 - Technical Tour

@Waste Electrical & Electronic Equipment Treatment and Recycling Facility (WEEETRF)

The WEEETRF is developed at a three-hectare site at the EcoPark in Tuen Mun, with a capacity of handling 30,000 tonnes of WEEE annually. It is the first of its kind in Hong Kong to collect, sort, detoxicate, dismantle and recycle television sets, washing machines, refrigerators, air conditioners, as well as computers and certain associated devices including printers, scanners, and monitors. The WEEETRF includes a wide range of sustainable green features such as reuse of excavated material, adoption of natural lighting and ventilation, rainwater harvesting for irrigation, provision of green walls comprising hardy native climbing plants, use of solar hot water system, etc. It also accommodates an education area and viewing gallery which allows visitors to view the WEEE recycling process from delivery to processing.



@Visitor Centre of EcoPark

The Visitor Centre, with an area of 1,000 square metres, is situated in the South Wing of the Administration Building of EcoPark. It is the first large-scale education resource centre in Hong Kong with the theme of municipal waste. The primary purpose of the Centre is to provide information about waste management and waste reduction to the visiting public through educational promotion and outreach programmes, with a view to arousing community awareness on relevant environmental issues, and improving the environmental ethic within the community. The ultimate goal of the Centre is to find a long-term solution for the environmental problem so that a clean, thriving and sustainable city can be developed. The Centre consists of 8 zones, including Waste Corridor, Movie Area, 3-D Landfill Model, 3Rs Zone, Reflection Pond, Group Game Zone, Plastic Recycling Education Centre and Photo-taking Zone.



@Construction Innovation and Technology Application Centre (CITAC)

The CITAC located in Kowloon Bay, occupies around 1,000 square metres and serves as a knowledge hub by collecting, showcasing and promulgating the latest local and overseas construction technologies. CITAC's inaugural exhibition is divided into five different thematic zones, namely "Industrialisation", "Informatisation", "Intelligentisation", "Integration" and "Infinity". The current exhibition has more than 30 construction innovations on display. The Centre showcases some new technology, new materials, new tools and provides innovative visitor touch-points.



@Zero Carbon Building (ZCB)

The ZCB located in Kowloon Bay, is a signature project to showcase state-of-the-art eco-building design and technologies to the construction industry internationally and locally and to raise community awareness of sustainable living in Hong Kong. Total site area is 14,700m² (including the ZCB with a footprint of 1,400 m² and a landscape area for public use) with 3 storeys height including basement. ZCB is to serve as an exhibition centre, an education centre and an information centre for zero/low carbon building design & technologies and for promoting low carbon living in Hong Kong.

Tentative Rundown of Student Program
ASHRAE Region XIII – 21st Chapters Regional Conference

Date	Time	Activity / Venue	
<u>Day 1</u> 17 Aug 2018 (Fri)	08:00 - 09:00	Registration @Foyer, 1/F, Crowne Plaza Hong Kong Kowloon East	
	09:00 - 12:15	Technical Program on “Building Retro-Commissioning for System Optimization” @Grand Ballroom II, 1/F, Crowne Plaza Hong Kong Kowloon East	
	12:15 - 12:45	Walk to Hong Kong Design Institute (15 min)	
	12:45 - 14:00	Lunch in Hong Kong Design Institute	
	14:30 - 17:00	Student Forum and Competition @ A001 Lecture Theatre, Hong Kong Design Institute	
	17:00 - 17:30	Walk back to Crowne Plaza Hong Kong Kowloon East (15 min)	
	19:00 - 22:00	Banquet Dinner and Student Performances @Grand Ballroom II, 1/F, Crowne Plaza Hong Kong Kowloon East	
<u>Day 2</u> 18 Aug 2018 (Sat)		Group #1 & 2 (75 students)	Group #3 & 4 (75 students)
	09:00 - 09:30	Registration @Foyer, 1/F, Crowne Plaza Hong Kong Kowloon East	
	09:30 - 11:00	Traveling by tour bus to Group #1:- Waste Electrical & Electronic Equipment Treatment and Recycling Facility	Traveling by tour bus to Group #3:- Construction Innovation and Technology Application Centre
		Group #2:- Visitor Centre of EcoPark	Group #4:- Zero Carbon Building
	11:00 - 12:30	Group #1:- Visitor Centre of EcoPark	Group #3:- Zero Carbon Building
		Group #2:- Waste Electrical & Electronic Equipment Treatment and Recycling Facility	Group #4:- Construction Innovation and Technology Application Centre
	12:30 - 14:00	Lunch	
	14:00 - 15:30	Traveling by tour bus to Group #1:- Construction Innovation and Technology Application Centre	Traveling by tour bus to Group #3:- Waste Electrical & Electronic Equipment Treatment and Recycling Facility
		Group #2:- Zero Carbon Building	Group #4:- Visitor Centre of EcoPark
	15:30 - 17:00	Group #1:- Zero Carbon Building	Group #3:- Visitor Centre of EcoPark
		Group #2:- Construction Innovation and Technology Application Centre	Group #4:- Waste Electrical & Electronic Equipment Treatment and Recycling Facility
	17:00 – 18:00	Traveling by tour bus to Mongkok Night Market and Dismiss	

Remark: The Organizer reserves the right to modify and update the rundown of Student Program without prior notice.

Fee: Early Bird (On or before 15 July 2018) - US\$ 175
Regular Price (After 15 July 2018) - US\$ 195

No. of Participants: Limited to 150 persons only (Open to Student Members Only)

Spouse Tour

Date : 17 August 2018 (Friday)

Time : 9:00am – 6:00pm (Assembly at 9:00am at Hotel Lobby, G/F, Crowne Plaza Hong Kong Kowloon East)

Highlights of the Tour:

@The Peak

With some seven million visitors every year, the Peak is a major tourist attraction of Hong Kong. It has views of the city and its waterfront. The viewing deck also has coin-operated telescopes that the visitors can use to enjoy the cityscape. Visitors can go to the Peak by Peak tram which is the oldest public vehicle in Hong Kong built in 1888. It takes visitors to the Victoria Peak where the best panoramic view over Victoria Harbour will be available.



@Stanley Market



Stanley is a coastal town and located on a peninsula on Hong Kong Island. It is east of Repulse Bay and west of Shek O, adjacent to Chung Hom Kok. Administratively, it is part of the Southern District. Stanley Market is situated in Stanley New Street near the Stanley food market. It is an array of small shops and street stalls. Stanley has many bars and restaurants on its waterfront along Stanley Main Street. To the west of Stanley Main Street, past

the amphitheatre in Stanley Plaza is the Tin Hau Temple. Built by Cheung Po Tsai in 1767, it is one of the oldest temples in Hong Kong. Murray House is a Victorian-era building originally built in the present-day business district of Central in 1846 as officers' quarters of the Murray Barracks, the building was relocated to Stanley during the 2000s.



@Chi Lin Nunnery and Nan Lian Garden



Established in 1934 and renovated in Tang dynasty style (AD 618–907) in 1990, the Chi Lin Nunnery is a large temple complex of elegant wooden architecture, treasured Buddhist relics and soul-soothing lotus ponds. The complex also includes a series of temple halls, some of which contain gold, clay and wooden statues representing divinities such as the Sakyamuni Buddha and bodhisattvas.

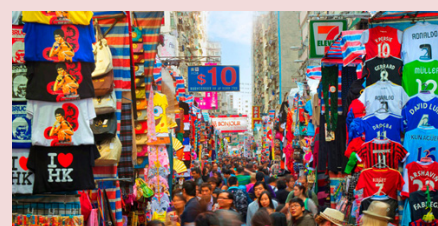
Cutting through Diamond Hill's myriad of high-rise apartments is the tranquil

Nan Lian Garden, a public park also built in the style of the Tang dynasty. Its scenic garden is meticulously landscaped over an area of 3.5 hectares, in which every hill, rock, body of water, plant and timber structure has been placed according to specific rules and methods. There are permanent exhibitions of Chinese timber architecture, rocks and potted plants.



@Bird-Flower-Ladies Market

Market visiting is the best way to get yourself familiarized with the local living style. While jostling through these crowded markets in Mongkok, visitors will find big fun in being mingle with local people, sharing the joy of hustles and bustles of housewives bargaining on their daily shopping. You might like to join them with a little bit of souvenir shopping.



Fee : US\$ 130 [includes transportation, Sightseeing and Chinese lunch]

Deadline for Application: 15 July 2018

Pre-CRC Activity – Golf Outing

Date : 16 August 2018 (Thursday)

Time : 9:00am – 5:00pm (Assembly at 8:00am at Hotel Lobby, G/F, Crowne Plaza Hong Kong Kowloon East)

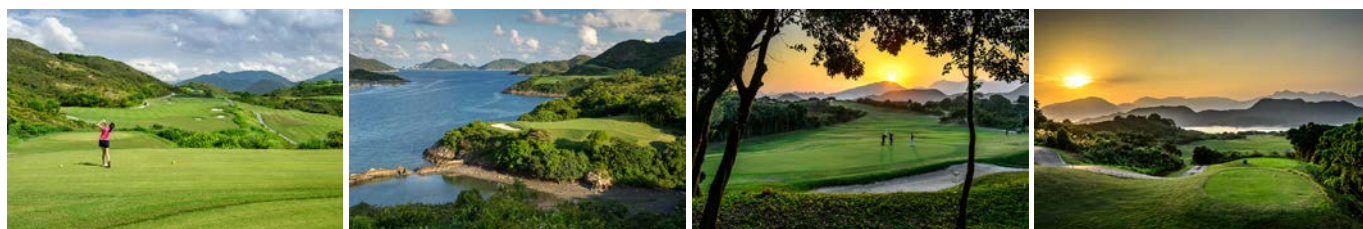
Golf Course : The Jockey Club Kau Sai Chau Public Golf Course, Sai Kung, New Territories, Hong Kong

Golf Course Information

Before the 21st CRC of ASHRAE Region XIII, let's have fun for golf outing in Hong Kong! An enjoyable and challenging golf outing is held on 16 August 2018 at East Course of The Jockey Club Kau Sai Chau Public Golf Course, Hong Kong. It is one of the very few public golf courses in the world that you can enjoy ocean views from every hole. The golf course is situated on an island off the popular Hong Kong village hangout of Sai Kung. It occupies a very dramatic, steep and rocky site that overlooks the waters of the South China Sea. The course was designed and constructed by one of the most famous architects, Nelson & Haworth.



Set in the Sai Kung Peninsula, Kau Sai Chau has become an environmental sanctuary. Golfers share its 250 hectares with eagles, egrets, and pond herons, as well as the occasional barking deer. The Golf Course has been recognized for its efforts in environmental stewardship through certification as a 'Certified Audubon Co-operative Sanctuary for Wildlife'.



The details of the golf course can be referred to their official website at <http://www.kscgolf.org.hk>.

Fee : US\$ 300

[includes: transportation, ferry ticket, 18-hole green fee, locker, golf cart (on 2-person shared basis), a box of golf balls, lunch, snacks and water]

Deadline for Application: 20 June 2018

Pre-CRC Activity – Joint Chapters Research Promotion (RP) Bowling Tournament

Date : 16 August 2018 (Thursday)

Time : 3:00pm – 5:00pm (Assembly at 2:00pm at Hotel Lobby, G/F, Crowne Plaza Hong Kong Kowloon East)

Venue : Thunder Bowl, Shop 2, first Basement B-1, Screen World, Site 8 Whampoa Garden, Hung Hom, Kowloon, Hong Kong

Background

For fundraising to support ASHRAE research projects, education, young engineer programs, and ASHRAE Scholarship, etc., ASHRAE Hong Kong Chapter organizes the 1st Joint Chapters Research Promotion (RP) Bowling Tournament on 16 August 2018. 10 Chapters from different countries in our Regional XIII are invited to join the competition. All enrollment fees and donations from sponsors after deduction of all necessary expenses in this event will be contributed to ASHRAE Headquarter's research fund via each chapter's Research Promotion. Besides contributing the donation to Research Promotion, the aim of this activity is to explore another experience for networking on such social event for fun and challenge.

Format & Award of the Competition

The RP Bowling Tournament is divided into 3 categories of team competition:

- Chapter Competition
- Corporate Competition
- Student Competition



Each chapter/company may register up to 2 teams, each consisting of maximum 4 bowlers (either female or male) including 1 captain & 3 players. For chapter / corporate / student team competitions, each team should be 3-4 players and 2 games for each player. The team score will be only counted 3 bowlers' pinfalls. Each female bowler will be granted a handicap of 15 pins per game. (NOT applicable to the female bowler who scored over 160 pins on that game).

The team with the highest score will be the Champion. The team with the 2nd highest and 3rd highest will be the 1st Runners-up and 2nd Runners-up respectively. Highest Score Awards will be given for individuals of each competition by counting the highest score of the single game in the competition. The sponsor with the highest amount of donation will be award the Super Sponsor Award for 1st Joint Chapters RP Bowling Tournament.

Donation Amount: US\$500 per team (Chapter/Corporate Competition)
 US\$100 per team (Student Competition)

Deadline for Application: 20 June 2018