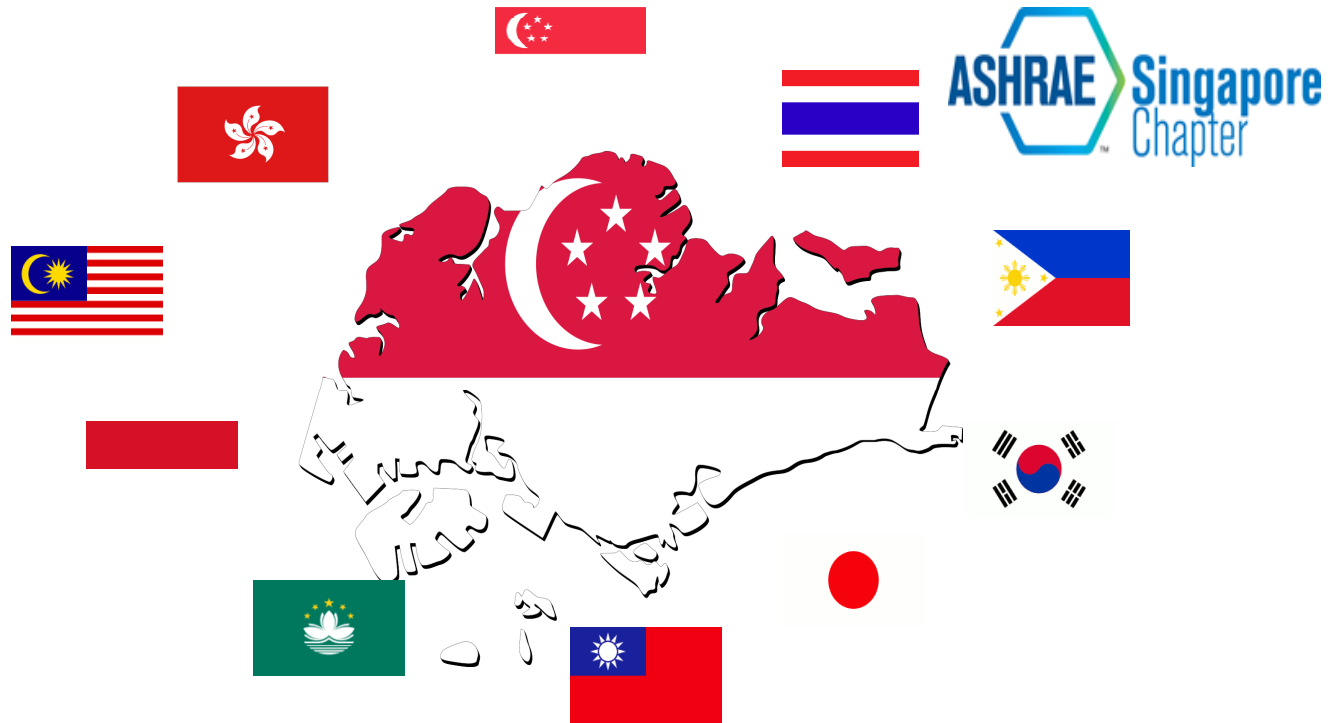


# ASHRAE REGION XIII **20<sup>th</sup>**

## CHAPTERS REGIONAL CONFERENCE 2017

25 AUGUST - 26 AUGUST 2017  
HILTON SINGAPORE





# Technical Seminar

**Date: 25 August 2017 (Friday)**

## Efficiently Sustainable and Smart

Date / Time	Program
08:20-09:00	Registration
09:00-09:45	<b>Making Buildings Smarter to Maintain their Energy Efficiency Entitlement</b> By Mr. Gordon P. Sharp, ASHRAE Distinguished Lecturer
09:45-10:30	<b>Piloting a New Paradigm for Continuous Commissioning of Chiller Plant</b> By Mr. Francis Tay, Senior Manager, Building & Construction Authority
10:30-10:55	Coffee/Tea Break
10:55-11:40	<b>Is Green Building Certification Enhancing our Air-conditioning Performance and Energy Sustainability?</b> By Mr. Vincent Low, Vice President (Business Development) of G – Energy Global Pte. Ltd. (Singapore).
11:40-12:00	Questions and Answers
12:00-13:30	Presidential Luncheon



# Technical Seminar & Speakers

## Efficiently Sustainable and Smart

### Information on CRC 2017 Technical Seminar & Speakers:

#### **1. Making Buildings Smarter to Maintain their Energy Efficiency Entitlement**

This presentation will describe the use of intelligent agent systems to analyze a wide range of real time building data including HVAC system performance and indoor environment data to alert operators to system degradation and problems that cut energy efficiency. Sometimes referred to as real time or monitoring based commissioning, these analytical systems often use dashboards and other very graphical visualization methods. The result is a practical and simpler means to ensure buildings realize their energy efficiency entitlements and provide a healthier indoor environment not just for when the building is opened, but over the full life of the building

About the speaker



Mr. Gordon P. Sharp is the chairman of Aircuity, Inc. and has over 25 years of wide-ranging entrepreneurial experience and more than 25 U.S. patents in the fields of energy efficiency and laboratory controls. As founder, former president and CEO of Phoenix Controls, he led the development of this world leader in laboratory airflow controls that was acquired by Honeywell in 1998. The technologies invented by Mr.

Sharp at Phoenix Controls are today saving over \$1.5 billion annually in energy use. In 2000, Mr. Sharp founded Aircuity, which was spun out of Honeywell and is a smart airside energy efficiency company.

Mr. Sharp is a graduate of MIT with bachelor and master degrees in electrical engineering. He is Executive Vice President and a member of the board of directors of I2SL (International Institute for Sustainable Laboratories), the non-profit foundation that operates the Labs21 conference. He is also a member of two important standards on ventilation: the ANSI/AIHA Standard Z9.5 Committee on Laboratory Ventilation and the ASHRAE SSPC 170 Committee on Ventilation of Health Care Facilities. He is also a voting member of ASHRAE technical committee TC9.10: Laboratory Systems and TC9.11: Clean Spaces/Cleanrooms.



# Technical Seminar & Speakers

## Efficiently Sustainable and Smart

### Information on CRC 2017 Technical Seminar & Speakers:

#### **2. Piloting a New Paradigm for Continuous Commissioning of Chiller Plant**

BCA's Green Mark has set one of the most stringent M&V (Measurement and Verification) requirement and plant efficiency benchmark in the world. Singapore has also mandated submission of three-yearly audit for chiller plant performance. The intent of these measures is to ensure that building cooling systems are audited to meet minimum energy efficiency and continue to be operated efficiently throughout its life cycles. It is best served if the process is autonomous via an online portal that collect chiller system's data continuously, thereby enabling trend analysis and anomaly detection. The "Chiller Efficiency Smart Portal" also afford an opportunity to simplify and value-add to the re-certification of Green Mark buildings. This presentation provides functional and technical details of the portal and how it helps building owners to sustain their chiller plant's performance.

#### About the speaker



Mr. Francis Tay is the Senior Manager of the Green Mark Department (Existing Buildings), Environmental Sustainability Group, Building and Construction Authority. He graduated from NUS in Electrical Engineering and is best summed up as a curious tinkerer and his interest outside work is in electronics and coding. He stumbled onto the building and energy management industries over four years ago and has been involved in Green Mark assessment and its continual development.



# Technical Seminar & Speakers

## Efficiently Sustainable and Smart

### Information on CRC 2017 Technical Seminar & Speakers:

#### **3. Is Green Building Certification Enhancing our Air-conditioning Performance and Energy Sustainability?**

The presentation will give an overview of Singapore Green Building requirement and how air-conditioning performance progress till to date. Case study will be shown on the Air-conditioning improvement and how optimise air-conditioning design helps to achieve Green Building Award and energy sustainability.

#### About the Speaker



Mr. Vincent Low is the Vice President (Business Development) of G – Energy Global Pte. Ltd. (Singapore). He is also a Qualified Energy Services Specialist (QuESS), Certified Green Mark Professional (Cert. GMP) accredited by Building and Construction Authority (BCA) of Singapore and Singapore Certified Energy Manager (Certified CEM) accredited by The Institution of Engineers, Singapore..

Vincent is the Chairman for Energy Efficiency Committee of Sustainability Energy Association of Singapore (SEAS). He is also actively involved in various committees such as NEA EENP Steering Committee, Working Group on Revision of Singapore Code of Practice (SS530/SS553), BCA Energy Auditor Registration Committee and Singapore Green Building Council (SGBC) Mechanical Task Force.

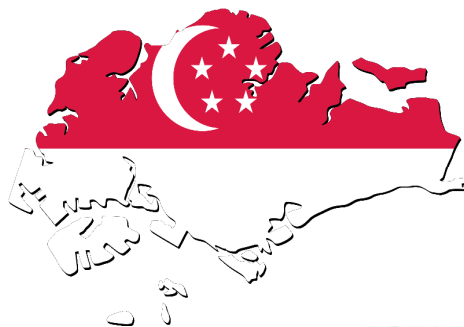




# Organizing Committee Membersec

## ASHRAE REGION 13 CRC 2017

Committee	Name	Mobile No.	Email Address
<b>Chairman</b>	Leong Cheng Wee	<a href="tel:+6596615330">+65 96615330</a>	<a href="mailto:lcw@leongcw.com.sg">lcw@leongcw.com.sg</a>
<b>Secretariat</b>	Elta Tan	<a href="tel:+6593874249">+65 93874249</a>	<a href="mailto:elta.ascsecretariat@gmail.com">elta.ascsecretariat@gmail.com</a>
<b>Advisors</b>	Liew K C	<a href="tel:+6582182600">+65 82182600</a>	<a href="mailto:liew_kwong_chin@trane.com">liew_kwong_chin@trane.com</a>
	Patrick Ho	<a href="tel:+6590613117">+65 90613117</a>	<a href="mailto:patrick@iconengineers.com.sg">patrick@iconengineers.com.sg</a>
<b>Spouse Program</b>	Rosaline Leong	<a href="tel:+6596661762">+65 96661762</a>	<a href="mailto:ros_leong@yahoo.com.sg">ros_leong@yahoo.com.sg</a>
<b>Treasurer</b>	Albert Sin	<a href="tel:+6596576486">+65 96576486</a>	<a href="mailto:albert_sin@lta.gov.sg">albert_sin@lta.gov.sg</a>
<b>Technical Seminar</b>	Ng Eng Hong (Dr)	<a href="tel:+6590019833">+65 90019833</a>	<a href="mailto:ngenghong8@gmail.com">ngenghong8@gmail.com</a>
	Chen S I	<a href="tel:+6597400007">+65 97400007</a>	<a href="mailto:chensiewik@gmail.com">chensiewik@gmail.com</a>
<b>Welcome &amp; Hospitality</b>	Tan G S	<a href="tel:+6596353460">+65 96353460</a>	<a href="mailto:gstan@tempcool.com.sg">gstan@tempcool.com.sg</a>
	Sunny Tan	<a href="tel:+6582681560">+65 82681560</a>	<a href="mailto:sunnycitan@gmail.com">sunnycitan@gmail.com</a>
	Hoyce Ho	<a href="tel:+6596517500">+65 96517500</a>	<a href="mailto:hoyce.ho@ihg.com">hoyce.ho@ihg.com</a>
<b>Facilities Coordinators</b>	Francis Lee	<a href="tel:+6596745288">+65 96745288</a>	<a href="mailto:francis@airverclean.com">francis@airverclean.com</a>
	Thomas Anthony	<a href="tel:+6596931234">+65 96931234</a>	<a href="mailto:thomasanthony@enviream.com.sg">thomasanthony@enviream.com.sg</a>
	Peter Cheng	<a href="tel:+6596194205">+65 96194205</a>	<a href="mailto:peter.cheng@armacell.com">peter.cheng@armacell.com</a>
	Henry Yeo	<a href="tel:+6596356101">+65 96356101</a>	<a href="mailto:henrysk@singnet.com.sg">henrysk@singnet.com.sg</a>
<b>Exhibition Booths/ Sponsors Package</b>	Matthew Ngan	<a href="tel:+6593215537">+65 93215537</a>	<a href="mailto:matplngan@gmail.com">matplngan@gmail.com</a>
	Florence Chan	<a href="tel:+6596314316">+65 96314316</a>	<a href="mailto:florence.chan@camfil.com">florence.chan@camfil.com</a>
<b>Students Activities</b>	Rajesh	<a href="tel:+6583329885">+65 83329885</a>	<a href="mailto:rajesh.balachander@surbanajurong.com">rajesh.balachander@surbanajurong.com</a>





# CRC Package Registration Form

## 25 August - 26 August 2017

### Hilton Singapore

## ASHRAE REGION XIII 20TH CRC 2017

Name	ASHRAE Member ID No.		Comp/ Spouse	
Company				
Address				
Phone/s	Email	Fax No.		
Chapter	Region	Position		
<b>Membership Type:</b>				
<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	
<b>Food preferences:</b>	<input type="checkbox"/> Vegetarian	<input type="checkbox"/> Halal	<input type="checkbox"/> No Beef	
	<input type="checkbox"/> Any	<input type="checkbox"/> Other: _____		

#### Refund Policy:

- \*1) No refunds will be allowed, but replacement will be acceptable if notified in advanced.
- \*2) The Society officer and member from other regions must register at B1 or C1 package.
- \*3) Student mean Undergraduate or Full Time Student.

#### Registration & Payment Policies:

Payment & Credit Card on arrival will not be accepted.

\_\_\_\_\_  
Name & Signature

Please e-mail the Registration Form & scanned payment advice to:

[elta.ascsecretariat@gmail.com](mailto:elta.ascsecretariat@gmail.com) cc to: [albert\\_sin@lta.gov.sg](mailto:albert_sin@lta.gov.sg) and [lcw@leongcw.com.sg](mailto:lcw@leongcw.com.sg)

#### Payment:

Account name: ASHRAE Singapore chapter

Account No.: 989-380-142-8

Swift Code: UOVBSGSG

Name of Bank: United Overseas Bank Ltd (UOB)





# CRC Package

## ASHRAE REGION 13 CRC 2017

Name	ASHRAE Member ID No.	Comp/ Spouse
Company		

Type of Package	Before or on 30th July 2017	On-site or after 30th July 2017	Amount
<b><u>Package A – Technical Seminar</u></b> Includes Registration and Technical Seminar	<b>USD175.00</b> <b>SGD263.00</b>	<b>USD200.00</b> <b>SGD300.00</b>	
<b><u>Package B – Business Session</u></b> Includes Registration, Business Session 1 & 2, Planning Session 1 & 2, Presidential Luncheon, Orientation & Caucus Session (Delegates & Alternates Only), Banquet Dinner, Executive Session & Caucus Breakfast, Committee Workshops, Host Chapter Luncheon & Awards Presentation.	<b>USD350.00</b> <b>SGD530.00</b>	<b>USD400.00</b> <b>SGD600.00</b>	
<b><u>Package C – Full Package</u></b> Includes all of Package A and B	<b>USD450.00</b> <b>SGD680.00</b>	<b>USD500.00</b> <b>SGD750.00</b>	
<b><u>Package D – Presidential Luncheon</u></b> 25 <sup>th</sup> August 2017 (Friday)	<b>USD75.00</b> <b>SGD113.00</b>	<b>USD75.00</b> <b>SGD113.00</b>	
<b><u>Package E – Banquet Dinner</u></b> On 25 <sup>th</sup> August 2017 (Friday)	<b>USD100.00</b> <b>SGD150.00</b>	<b>USD100.00</b> <b>SGD150.00</b>	
<b><u>Package F – Student's Program</u></b> Includes Registration, Technical Seminar, Technical Visit and City Tour	<b>USD150.00</b> <b>SGD225.00</b>	<b>USG170.00</b> <b>SGD255.00</b>	
<b><u>Package G – WIA</u></b> 26 <sup>th</sup> August 2017 (Saturday 9am to 3pm) City Tour and Lunch	<b>USD70.00</b> <b>SGD105.00</b>	<b>USD70.00</b> <b>SGD105.00</b>	
Total Amount			_____





# Program

## ASHRAE REGION 13 CRC 2017

Day 0	Thursday, 24th August 2017	Location		Package
15:00~18:00	Arriving/ Registration Open			
18 30~22:00	Welcome Reception	Vista Room, Level 3	1	
Day 1	Friday, 25th August 2017	Location		Package
08:00~14:00	CRC & Seminar Registration	Vista 2 & 3, Level 3	1	A B C D E
09:00~12:00	Technical Seminar	Vista 2 & 3, Level 3	1	
12:00~13:00	Presidential Luncheon	Ballroom 2, Level 3	2	
13:40~16:30	Business Session No. 1	Ballroom 1, Level 3	2	
	Coffee/Tea Break			
	Business Session No. 1 (cont'd)			
16:40~17:40	Orientation/Caucus Session (Delegates & Alternates only)	Brunei Room, Level 5	3	
	APCBE Steering Committee	Vietnam Room, Level 5	6	
19:00~22:00	Banquet Dinner	Grand Ballroom, Level 3	5	
Day 2	Saturday, 26th August 2017	Location		
08:00~09:00	Executive/Caucus Session (Delegates & Alternates only)	Brunei Room, Level 5	3	
07:00~10:30	<u>Committee Workshops</u>			
	- Membership Promotion (Centralized Training)	Malaysia Room, Level 5	2	
09:00~10:20	- Research Promotion (RP)	Thailand Room, Level 5	2	
	- Grassroots Government (GG)	Indonesia Room, Level 5	2	
10:20~10:40	- Young Engineers in ASHRAE(YEA)	Philippines room, Level 5	2	
	Coffee/Tea Break		2	
10:40~12:00	<u>Committee Workshops</u>			
	- Membership Promotion (Centralized Training)	Malaysia Room, Level 5	2	
10:40~12:00	- Research Promotion (RP)	Thailand Room, Level 5	2	
	- Chapter Technology Transfer(CTT)	Philippines room, Level 5	2	
	- Student Activities (SA)	Singapore Room, Level 5	2	
	- Refrigeration	Indonesia Room, Level 5	2	
	- Electronic Communication(EC)& website	Brunei Room, Level 5	2	
12:00~13:40	Host Chapter Luncheon & Award Presentation	Ballroom2, Level 3	2	
13:50~14:20	Chapter Operation & PAOE Workshop	Ballroom 1, Level 3	2	
14:30~16:30	Business Session No. 2	Ballroom 1, Level 3	2	
16:35~17:00	CRC Review Meeting	Asean room, Level 6	4	
Day 3	Sunday, 27th August, 2017	Location		Package
09:00~11:30	Regional Planning Meeting	Asean Room, Level 6	2	
1	Open to all members and other participants			
2	Attended by Society Officers, Delegates, Alternates, Chapter & Regional Officers <b><u>and all registered members</u></b>			
3	Attended by Delegates, Alternates and Nominating Committee members & alternates within Region XIII Only			
4	Attended by Society Officers, Regional Officers and Host Committee Only			
5	Performance by Students to be presented by each Chapter			
6	Only APCBE Steering Committee			



# Package F : STUDENT PROGRAM

Technical Visit & City Tour (25th August to 26th August 2017)

Date/Venue	Time	Activity	
		Group #1 (75 students)	Group #2 (75 students)
<b>Day 1</b> <b>Fri 25<sup>th</sup> AUG</b> <b>2017</b> <b>Assembly:</b> <b>Hilton</b> <b>Singapore</b>	10:00-10:30	Registration at Hilton Singapore	Registration at Hilton Singapore
	10:30-12:00	Technical Seminar at Hilton Singapore	Technical Seminar at Hilton Singapore
	12:15-13:15	Lunch (Student Packed Lunch) (25 students per group x 3 groups)	Lunch (Student Packed Lunch) (25 students per group x 3 groups)
	13:30-14:30	Traveling by bus to NTU ERIAN 1 Cleantech Loop Singapore (Lunch– Packed Food)	Traveling by bus to BCA Academy, 200 Braddell Road Singapore
	15:00-17:00	Technical tour: ERIAN NTU (25 students per group x 3 groups)	Technical tour: BCA Gallery & BCA Skylab (25 students per group x 3 groups)
	17:00-18:00	Travelling by Bus to Hilton Singapore, Banquet Dinner & Student Performances	Travelling by Bus to Hilton Singapore, Banquet Dinner & Student Performances
<b>Day 2</b> <b>Sat 26<sup>th</sup> Aug</b> <b>2017</b> <b>Assembly:</b> <b>Hilton</b> <b>Singapore</b>	09:00-09:15	Assembly at Hilton Singapore	
	09:15-09:45	Traveling by Bus to China Town Point Singapore or Marina Barrage Visit	
	09:30-11:30	Technical tour: Energy Efficient Chiller Plant Visit or Cultural Tour (All students in batches for the Site Visit or the cultural tour)	
	11:45-12:15	Traveling by Bus to Gardens by the Bay	
	12:15-13:15	Lunch in Gardens by the Bay	
	13:15-15:15	Gardens by the Bay – Sustainability & Fun Tour	
		Group 1: Visit to the Flower Dome (75 pax)  Group 2: Visit to the Cloud Forest (75 pax)  The two groups will alternate to see the two Domes at the Gardens by the Bay and also visit the gallery to see how sustainable Gardens by the Bay is in terms of Energy, Water and Renewable.	
	15:30-17:00	ASHRAE Walk – Gardens by the Bay – MBS & Helical Bridge viewing the CBD and taking the CRC Student group Photo.	
	17:00-17:30	Traveling back to Hilton Singapore (Own mode of Transportation).	

**Package G – WIA**  
**Tour Package**  
**US\$70 / SG\$105**

**BOOK NOW!**



**Package G – WIA**

26<sup>th</sup> August 2017 (Saturday 9am to 3pm)  
City Tour and Lunch



**Merlion**

**Little India**

You will start from **Little India** - a haven of Indian culture and ethnicity that embodies the vibrant and colourful pulse of the Indian community in Singapore.

Rich in culture and deeply rooted in tradition, Singapore's Little India invites you to excite your senses. With a surge of flavours, sights, sounds, fragrances and an ethereal feel, Little India is a melting pot of all things Indian.

Next, drive to the mouth of the Singapore River. The **Merlion**, a national icon representing Singapore's humble beginning as a fishing village is located here. The Merlion Park set against the City as backdrop is a sight not to be missed.

You've probably seen images of Singapore's national icon, the mythical Merlion with the head of a lion and the body of a fish. The body symbolises Singapore's humble beginnings as a fishing village when it was called Temasek, meaning 'sea town' in Old Javanese. Its head represents Singapore's original name, Singapura, or 'lion city' in Malay. Today, you can glimpse this legend at Merlion Park. Spouting water from its mouth, the Merlion statue stands tall at 8.6 metres and weighs 70 tonnes.

This icon is a 'must-see' for tourists visiting Singapore, similar to other significant landmarks around the world.

Drive past the Financial District, we arrive at our last stop in **Chinatown** and discover the rich heritage of Chinatown through insightful stories. Singapore's largest ethnic group, the Chinese, first settled here and yet right in its midst you'll find one of our oldest and picturesque Hindu Temple, Sri Mariamman Temple. The precinct does retain significant historical and cultural significance. Large sections of it have been declared national heritage sites officially designated for conservation.



## SINGAPORE STUDENT TOUR

25<sup>th</sup> - 26<sup>th</sup> August 2017



**City of Visit:**  
Singapore

**Jointly Organized By:**  
NUS, TP, ITE, SP Student  
Branches

### Attractions

- Academic & Cultural Exchanges\*
- Technical Tours on Latest Technologies
- Eco Campus Visits & Building Labs

\*The participants will attend the ASHRAE Chapter Regional Conference in Singapore on 25-26 Aug 2017

**Supported By:**  
ASHRAE ASC

### Who can Join:

Full-time undergraduate or postgraduate students from Region XIII who are ASHRAE Student Members

**Further Information:** Visit our website "[www.ashrae.org.sg](http://www.ashrae.org.sg)"





## **Singapore Student Tour 2017** **25-26 Aug 2017 (Fri-Sat)**

<b>Jointly Organized By:</b>	<b>NUS, Temasek Polytechnic, ITE College East Student Branches</b>
<b>Supported By:</b>	ASHRAE Singapore Chapter
<b>Background:</b>	In August 2017, the ASHRAE Region XIII Chapters Regional Conference will be held in Hilton Singapore. This study tour is designed to allow the students in Region XIII to attend the conference and also take part in the technical tours organized as a part of Student Tours.
<b>Objectives:</b>	<p>The objectives of this study tour are:</p> <ul style="list-style-type: none"> <li>• To study the latest engineering technologies and research ongoing in Singapore.</li> <li>• To enable the students to develop creative thinking and have exposure towards sustainable design.</li> <li>• To promote international cooperation and cultural exchange.</li> </ul>
<b>Dates:</b>	25 <sup>th</sup> – 26 <sup>th</sup> of August 2017
<b>Destination:</b>	Singapore
<b>Eligible Person:</b>	Full-time undergraduate or postgraduate students from Region XIII who are ASHRAE Student Members
<b>Number of Participants</b>	Approximate 100 – 150 Students
<b>Proposed Itinerary</b> (*Subject to Change)	<p>25<sup>th</sup> August – Arrival in Singapore, Registration for CRC Singapore at Hilton.</p> <p>25<sup>th</sup> August (Morning Session) – ASHRAE Technical Seminar</p> <p>25<sup>th</sup> August (Afternoon Session) – BCA Skylab/ERIAN NTU, Eco-Campus Tour</p> <p>26<sup>th</sup> August (Morning Session) – Chiller Plant Visit Tour</p> <p>26<sup>th</sup> August (Afternoon Session) – Gardens by the Bay – Sustainability Tour</p>
<b>Fee:</b>	<p>Each student is required to pay</p> <p>Before or on 30th July 2017 USD150.00/SGD225.00</p> <p>On-site or after 30th July 2017 US\$170.00/ SGD255.00</p>
<b>Application Method:</b>	<p>Complete application form and send it through email to the respective Student Activities Chair from different Region XIII. If your application is successful, you will be asked to submit a payment and photocopies of passport.</p> <p>Payable to Account name: ASHRAE Singapore chapter</p> <p>Account No.: 989-380-142-8</p> <p>Swift Code: UOVBSGSG</p> <p>Name of Bank: United Overseas Bank Ltd (UOB)</p>
<b>Further Info and Queries:</b>	For further information please visit our website “ <a href="http://www.ashrae.org.sg">www.ashrae.org.sg</a> ” or direct your queries to the CRC Student Activities Chair – Rajesh Balachander “ <a href="mailto:pbraajesh@gmail.com">pbraajesh@gmail.com</a> ”.





## **Singapore Student Tour 2017** **APPLICATION FORM**

<b>ENGLISH NAME</b>	<b>SURNAME:</b> <b>FIRST NAME:</b>
<b>CHINESE NAME (OPTIONAL)</b>	
<b>GENDER (MALE/FEMALE)</b>	
<b>HOME ADDRESS</b>	
<b>MOBILE NO / HOME PHONE NO</b>	
<b>FAX ID (OPTIONAL)</b>	
<b>EMAIL ID:</b>	
<b>UNIVERSITY NAME</b>	
<b>STUDY PROGRAM &amp; YEAR</b>	
<b>TRAVEL DOCUMENT</b>	TRAVEL DOCUMENT NO:  EXPIRY DATE:
<b>REASON FOR ATTENDING (not more than 100 Words)</b>	
<b>LANGUAGE SKILLS (GOOD/FAIR/LITTLE/ NON)</b>	ENGLISH: CHINESE:

**NOTE:**

Complete application form and send it through email to the respective Student Activities CRC Chair from different Region XIII. If your application is successful, you will be asked to submit a cheque as follows:  
Before or on 30th July 2017 USD150.00/SGD225.00  
On-site or after 30th July 2017 US\$170.00/ SGD255.00

If your application is successful, you will be asked to submit a payment and photocopies of passport.  
Payable to Account name: ASHRAE Singapore chapter  
Account No.: 989-380-142-8  
Swift Code: UOVBSGSG  
Name of Bank: United Overseas Bank Ltd (UOB)

