



# The 15th APCBE on the Built Environment

## *5R Technology for Building Environment*

*(Recycle, Reduce, Renewable, Resource, Retrofit)*

18–19 October 2019, 85 Sky Tower Hotel, Kaohsiung, Taiwan

### THE CONFERENCE

Asia Pacific Conference on the Built Environment (APCBE) is a biennial event of ASHRAE Region XIII and it was first launched back in 1991. In response to the growing technology, the Conference scope has been expanded from HVAC&R to cover various aspects related to the built environment. This international conference provides an excellent platform for researchers and practitioners to share ideas, best practice, new technologies and future prospects.

This is a 2-day conference with participants from academics, architects, building owners, consultants, contractors, facilities managers, government, industries, suppliers and other parties who have interest in design, installation, testing, commissioning, operation and maintenance of the built environment.

### WHO SHOULD ATTEND

ASHRAE welcomes engineers, architects, designers, researchers, academics, property developers, professionals and practitioners involved in the wide range of disciplines associated with building design and building services engineering. The official language of the Conference is English.



### CONFERENCE CONTACT INFORMATION

Website : <http://www.ashrae.org.tw/APCBE2019>

E-mail : [apcbe2019@gmail.com](mailto:apcbe2019@gmail.com)



## CALL FOR ABSTRACTS

Submissions on energy saving HVAC&R technologies with proven project implementation, green building technologies and techniques that address IAQ, thermal comfort, and related environmental health concerns associated with low energy building design, construction, retrofit, operation issues, special topics, trends and cases for large ventilation spaces, clean rooms, hospitals and distinctive modelling and simulation solutions are the focus for this conference. All proposed submissions relevant to the conference themes will be accepted.

The abstract should contain the background and objectives of the study, the methodology used and key results. Interested authors are requested to submit the abstract in MS Word format to Proceedings & Technical Committee at email address [apcbe2019@gmail.com](mailto:apcbe2019@gmail.com). Submission should include the following information:

- ✓ Title of the paper
- ✓ Authors' affiliation and contact details (email address, postal address and phone number)
- ✓ A body of 300 ~ 500 words and 3 ~ 5 keywords

## IMPORTANT DATES AND DEADLINES OF SUBMISSION FOR AUTHORS

**Abstract Due: May 31, 2019**

**Abstract Acceptance Notification: June 15, 2019**

**Submission of Full Paper or Extended Abstract Due: July 15, 2019**

**Full Paper or Extended Abstract Acceptance Notification: August 15, 2019**

**Final Paper or Final Extended Abstract Due: August 30, 2019**

**Early Registration Due: September 6, 2019**

## SCHEDULE OF ACTIVITIES

### October 17, 2019 – Day 0 (Thursday)

3:00 PM Start of Registration

6:00 PM Start of Welcome Party  
(Tokyo Beer Garden)

### October 19, 2019 – Day 2 (Saturday)

8:00 AM Continuation of Breakout Session

12:00 PM End of Day 2 Session

*\* Activities are subject to change by the  
Conference Committee*

### October 18, 2019 – Day 1 (Friday)

8:00 AM Continuation of Registration

9:00 AM Formal Opening of Plenary Session  
(Strictly Formal Attire: Coat & Tie)

12:00 PM Power Lunch

1:00 PM Breakout Session

5:00 PM End of Day 1 Session

6:30 PM Energetic Banquet Dinner  
& ASHRAE Night



# Registration Form

ONLINE REGISTRATION AVAILABLE  
[www.ashrae.org.tw/APCBE2019](http://www.ashrae.org.tw/APCBE2019)

Registration Packages	Early Bird	Standard	Student	For Speaker only
Full board	<input type="checkbox"/> US\$260	<input type="checkbox"/> US\$300	<input type="checkbox"/> US\$180	<input type="checkbox"/> US\$180
Day 1 only (18 <sup>th</sup> Oct.)	<input type="checkbox"/> US\$210	<input type="checkbox"/> US\$230	<input type="checkbox"/> US\$120	<input type="checkbox"/> US\$120
Day 2 only (19 <sup>th</sup> Oct.)	<input type="checkbox"/> US\$120	<input type="checkbox"/> US\$140	<input type="checkbox"/> US\$ 80	<input type="checkbox"/> US\$ 80
Banquet Dinner only	<input type="checkbox"/> US \$90	<input type="checkbox"/> US \$90		
Meals	<input type="checkbox"/> General	<input type="checkbox"/> Vegetarian	<input type="checkbox"/> Muslim	

## REMARKS:

1. Full board package included 2 days conference with 3 tea breaks, lunch and banquet dinner.
2. Day 1 only package included 1 day conference with 2 tea breaks, lunch and banquet dinner on 18 Oct. 2019.
3. Day 2 only package included half day conference with 1 tea break on 19 Oct. 2019.
4. Speaker only package is offered to one of the authors who will present in person at the conference for the paper selected by the Organizing Committee. Please indicate the paper ID for verification.
5. Seats will only be reserved when payment is received for good.
6. The deadline of Early Bird registration is 6 September 2019.
7. The successful registration will be confirmed by e-mail no later than 15 September 2019. If no confirmation e-mail is received by 20 September 2019, the registration is assumed not successful; or one may double check with the Conference Secretariat.

## PAYMENT METHOD

US Dollar only, please Telegraphic Transfer to :

- ◆ Chang Hwa Commercial Bank, Taipei Chengtung Branch
- ◆ SWIFT Code : CCBCTWTP514
- ◆ Beneficiary' s Name : ASHRAE Taiwan Chapter
- ◆ Account No. : 5147-86-02238300



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## Registration Information

Name : \_\_\_\_\_ Chapter : \_\_\_\_\_ E-mail : \_\_\_\_\_

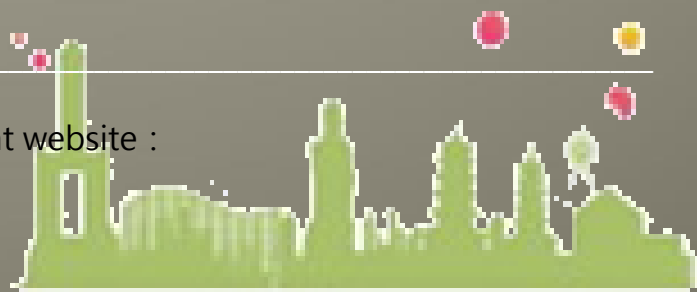
Position : \_\_\_\_\_ Company/Organization/University : \_\_\_\_\_

ASHRAE Membership ID.: \_\_\_\_\_ Mobile No. : \_\_\_\_\_

Postal Address : \_\_\_\_\_

■ To know more about APCBE2019, please log on at website :

<http://www.ashrae.org.tw/APCBE2019>



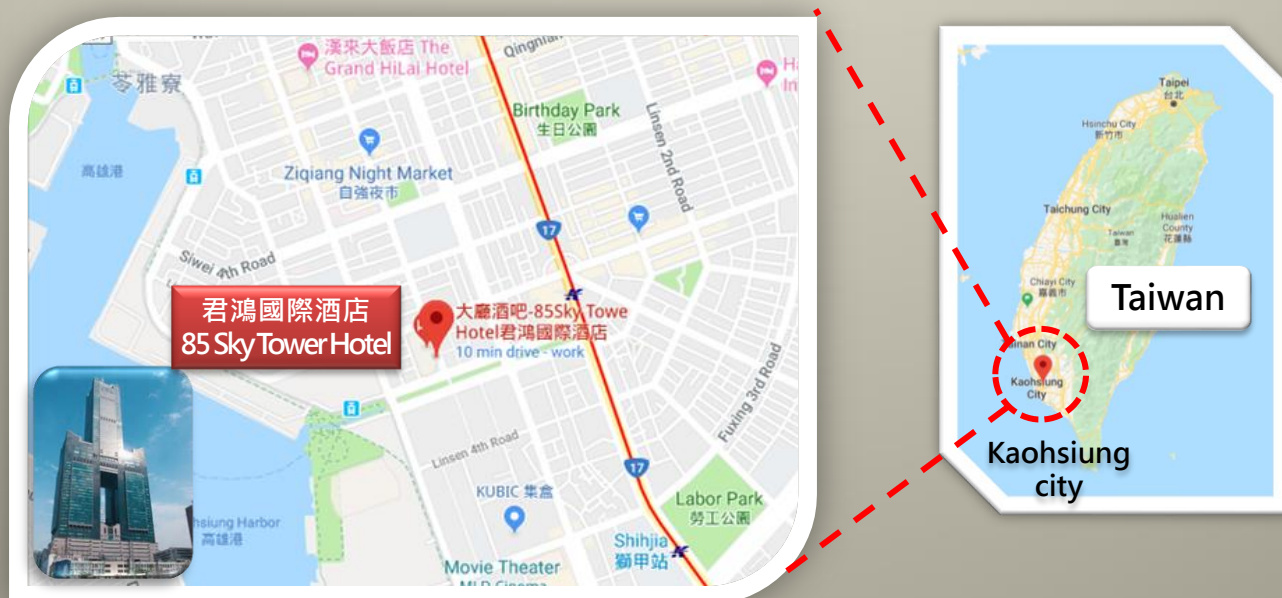


## VENUE

Kaohsiung is a beautiful and modern metropolis located in southern Taiwan as well as the second largest city of this island. This subtropical city boasts its brilliant sunshine and gentle breeze from the passionate sea. The ceaseless ships and containers from around the world represent the energy and vitality of the business in Kaohsiung. Kaohsiung, a city of glamour, not only has unique features of mountain, sea, river and port, but also possesses a rich culture and beautiful cityscape.

15th APCBE will be hold in the most iconic landmark in Kaohsiung, "85 Sky Tower Hotel" . 85 Sky Tower Hotel is located at the hub of land and sea transport, featuring convenient transportation and unique location. Adjacent to Sanduo Shopping District Station and shopping areas, Kaohsiung International Airport, KMRT and train stations. Indeed, this is the venue you will not forget when you come to Kaohsiung.

- ◆ Website: <http://www.85sky-tower.com/en/>
- ◆ Address: No.1, Tzu-Chiang 3rd Road, Kaohsiung, Taiwan



### 【Bus】Kaohsiung Main Station



Take the bus and get off at Kaohsiung Main Station (near Kaohsiung Station). Take MRT Red Line and get off at Sanduo Shopping District Station. Get off the station at Exit No. 2, go straight and turn right to Xinguang Road. Go straight and turn right to Xinguang Road, and walk about 8~10 minutes.

### 【Train】Kaohsiung Station



Take the train and get off at Kaohsiung Station. Take **MRT Red Line** and get off at **Sanduo Shopping District Station**. Get off the station at Exit No.2, go straight and turn right to Xinguang Road. Go straight and turn right to Xinguang Road, and walk about 8~10 minutes.

### 【Taxi】Fare (※Subject to the road condition)



【HSR】Zuoying Station → Hotel ≡ NT\$300.

【Air】Kaohsiung International Airport → Hotel ≡ NT\$250.

【Train】Kaohsiung Station → Hotel ≡ NT\$200.

【MRT】Sanduo Shopping District Station → Hotel ≡ NT\$85.

## APCBE STEERING COMMITTEE

Name	Position	Chapter
Dr. Wong Chun-Sing	Chairman	Hong Kong
Mr. Ng Wei-Bin	Secretary	Malaysia
Dr. Yang Junjing	Member	Singapore
Mr. Wang Wei-Dong, Bill	Member	Taiwan
Dr. Chirdpun Vitooraporn	Member	Thailand
Dr. Ari Darmawan Pasek	Member	Indonesia
Mr. Tim Cheng	Member	Macao
Dr. Manuel C. Belino	Member	Philippines
Prof. Shinsuke Kato	Member	Japan



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## 15TH APCBE ORGANIZING COMMITTEE

Committee	Name	Mobile No.	Email Address
General Chair	Jui-Fah Chou	+886-936-938964	<a href="mailto:alpha123@ms9.hinet.net">alpha123@ms9.hinet.net</a>
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	Gavin Chang	+886-932-250238	<a href="mailto:gavin@telasia.net">gavin@telasia.net</a>
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	Bing-Chwen Yang	+886-3-5915383	<a href="mailto:bcyang@itri.org.tw">bcyang@itri.org.tw</a>
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