



The 16<sup>th</sup> Asia Pacific Conference on the Built Environment

# Net Zero Strategies For Existing Buildings



22 – 23 October 2021

**Studio City Macau**

Macau Special Administrative Region of  
The People's Republic of China

中華人民共和國  
澳門特別行政區

## First Announcement & Call for Papers

### The Conference

Asia Pacific Conference on the Built Environment (APCBE) is a biennial event of ASHRAE Region XIII (Hong Kong, Indonesia, Japan, Macao, Malaysia, Philippines, Singapore, South Korea, Taiwan and Thailand) 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 expected attendance of 300 participants from Government, Academics, Architects, Consultants, Contractors, Building Owners, Facilities Managers, Industries, Suppliers and other parties who have interest in design, installation, testing, commissioning, operation and maintenance of the built environment.

### Theme

The Conference theme “NET ZERO STRATEGIES FOR EXISTING BUILDINGS” is not simply about the hi-tech products available today but the future technology being developed for more sustainable built environment, including design approach, system controls, construction management, commissioning, facility operation & maintenance, etc. It is intended to bring together international speakers to meet and discuss the advanced technologies with mindful of our next generation.

The conference will cover but not limited to the following topics:

- Renewable Energy / Energy Efficiency
- Architecture / Building Materials
- Code & Standard / Assessment / Recognition
- Environment & Atmosphere / IEQ
- Commissioning & Operation
- Control & Instrumentation

### Official Language

The Conference will be conducted in English. All Abstracts and Papers have to be written in English.



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### Organizing Committee (ASHRAE - Macao Chapter)

1	General Chair	Ir CHAN Seck Pong, Peter 陳錫邦 工程師	
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3	Vice Chair	Dr. WONG Chun Sing 黃振聲 博士	
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7	Members	Mr. WONG Siu Hung, Vincent 黃肇雄 先生	
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10	Members	Miss CHEN Ying, Agnes 陳櫻 小姐	
11	Members	Dr. HUANG Hao Jan, Thomas 黃浩然 博士	



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### Important Dates

1	Abstract Due :	15 December 2020
2	Notification of Abstract Acceptance :	15 January 2021
3	Full Paper Submission :	30 March 2021
4	Notification of Full Paper Acceptance :	30 June 2021
5	Registration Open :	15 January 2021
6	Deadline of Early Bird Registration :	21 August 2021
7	Conference :	22-23 October 2021

### Submission of Abstracts

Authors intending to present papers at the conference are invited to submit the titles of the proposed papers together with an abstract of about 300 words. The abstract in Word format should be sent by email to [info@ashrae-macao.com](mailto:info@ashrae-macao.com) .

The best papers is planned to be published in the international journals, [HVAC&R Research](#) by ASHRAE or [Building Simulation](#), subject to respective selection process. Scopus indexing will be provided.

### Conference Contact Information

Email: [info@ashrae-macao.com](mailto:info@ashrae-macao.com)

Website: [www.ashraemacao.org/apcbe2021](http://www.ashraemacao.org/apcbe2021)