



ASHRAE Hong Kong Chapter

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2018 ASHRAE Handbook - Refrigeration **Technical Workshop Series: Ice Rink Design – Advanced Level**

Date : 23 May 2019 (Thursday)

Time : 7:00pm – 9:00pm (Registration will start at 6:30pm)

Venue : Room 202E, 2/F Jockey Club Environmental Building, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong

Background:

Based on ASHRAE Handbook 2018 – Refrigeration, you will develop an understanding of the field of refrigeration, including but not limited to: comfort cooling or air conditioning, commercial refrigeration and industrial refrigeration. The technical workshop series will refresh your knowledge from an understanding of basic principles to their application in real-world situations.

Workshop Content:

The technical workshop of “Ice Rink Design” on 24 January 2019 gave a quick introduction to Chapter 44 of the ASHRAE Refrigeration Handbook, i.e. ice rinks. This workshop is an advanced level to take a deeper look into design of ice rinks. The following areas will, in particular, be covered in greater details:

- Radiation heat transfer
- Condensation problem on surrounding building fabric
- Secondary coolant system vs liquid overfeed system

An introduction to Chapter 4 of the ASHRAE Refrigeration Handbook on liquid overfeed system will also be given.

Speaker:

Ir K.F. Chan



Ir K.F. Chan joined Southa Engineering Ltd, a refrigeration contractor based in HK, in 1989. He has designed and built a number of ice rinks in China (one of which was the second largest in the world) and most of the ice rinks in HK. Over the years, he actively promotes uses of environmental refrigeration measures. Besides work, he is also active in charity and education work. In Southa, he has been training engineering graduates and apprentices, many of whom are considered as ice rink experts today. Ir Chan has also been a loyal member of ASHRAE for more than 20 years.

Besides full time salaried employment with Southa, Ir K. F. Chan also works as an honorary principal lecturer at the University of Hong Kong and a part time lecturer at the Research Institute of Tsinghua University in Shenzhen.

Supporting organizations (TBC):





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Language: English

Fee: HK\$ 200 [Member of ASHRAE Hong Kong Chapter]
HK\$ 250 [Member / Staff of Supporting Organizations]
HK\$ 300 [Standard]

Remark: 2-hour CPD certificate will be provided.

Registration & Enquiry:

Number of participants is limited and prior registration is required. For registration, please complete Registration Form in the following link: <https://forms.gle/RQFiuUCS7HsqYurP6>. The deadline of application is on 17 May 2019.

After online registration, 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 "2018 ASHRAE Refrigerant Workshop – 23/5", Name of Participant, Name of Company / Organization and Contact Number.

Successful members will be notified by e-mail on or before 18 May 2019, which has to be presented at the registry of the venue entrance for verification. If the applicants have not received the confirmation e-mail on or before 18 May 2019, their applications will be regarded as not successful.

If typhoon signal no. 8 or black rainstorm signal is in force and still hoisted after 5:00 pm on that date, the workshop would be cancelled without further notification.

For enquiry, please contact Ms. PAN Yan at email to ashraehk@gmail.com.

Supporting organizations (TBC):

