IFMA Hong Kong Chapter
International Facility Management Association

Co-organizers:
AIIB Asian Institute of Intelligent Buildings
香港房屋經理學會 The Hong Kong Institute of Housing
香港城市大學 City University of Hong Kong

IFMA's Industrial Spotlight:
A study of Thermal Comfort and Cost Effectiveness for Stratum Ventilation
(Tuesday, July 7, 2015 19:00 - 20:30)

Registration & Enquiry:
Please complete **online registration form**. No registration form will be processed without payment. Need help? Call (852) 2512 0111 or e-mail registration@ifma.org.hk

Admission Fee:
1. IFMA HK Chapter Members/ Students of CityU & SCOPE/ Members of co-organizers: FREE Admission
2. IFMA Base Members/ Members of Supporting organizations/Sponsors: HK$50
3. Non-members: HK$100

Payment Methods:
1. Please issue cheque payable to "**International Facility Management Association Hong Kong Chapter**" and mail the cheque to P.O. Box. No. 65115, Tseung Kwan O Post Office.
2. Deposit the fee to Hang Seng Bank (A/C No: **222 - 005340 - 001**) and sent the bank-in slip to registration@ifma.org.hk or fax to (852) 2512 0555.
3. **PayPal CREDITCARD**

Notes:
1. If typhoon signal no. 8 or above or the black rainstorm warning signal will be hoisted 4 hours before the event starts, the event would be cancelled or post-poned. Participants will be informed of the cancellation or the re-scheduled date of event in due course. The IFMA Hong Kong Chapter reserves its right to cancel or to change the speakers with-out prior notice.
2. Cancellations must be made at least 3 business days prior to the event. Other-wise, full price (HK$100) will be charged for your late cancellation. If you are not able to attend, we welcome a delegate to attend on your behalf. Refunds will not be given for no-shows after the event.
3. The organizing parties accept no liabil-ity for any eventuality that may occur to affect travel itineraries before, after or during the event, or for any incident or accident, should any occur.

Abstract:

The need for studying thermal comfort with various air distribution strategies becomes a significant issue recently due to climate change, increasing energy prices and the governmental energy efficiency policy. Stratum ventilation, with air supplied at breathing level, can probably provide satisfactory thermal comfort at a relatively elevated indoor temperature in which less energy use is consumed.

This seminar focuses on the thermal comfort and cost effectiveness as other paradigms in comparison with the mixing and displacement ventilation in the classroom. Life cycle assessment results indicate certain percentages reduction in cost and carbon emission in stratum ventilation by comparing with mixing and displacement ventilation. With respect to the thermal comfort aspect, it provides scientific basis for the feasibility of elevated room temperature not only for stratum, but also for mixing and displacement ventilation systems. For the energy consumption aspect, it shows considerable potential for energy saving while adopting this set-point during actual operation.

Speaker:

Dr Ir Alan Fong Ming-Lun is Instructor of the Division of Building Science and Technology, City University of Hong Kong (CityU). In last five years, he has 15 publications including 4 refereed journals, 1 local journal, 9 conference papers, 1 book chapter and six funding and one consultancy work. Before joining CityU, he was Associate of the J. Roger Preston Limited. He has worked in the building services engineering industry for over 15 years involved in system design and project management of a wide variety of projects in Hong Kong, Macau and Mainland China.

He is Registered Professional Engineer in Hong Kong and HKIE member in Building Services, Fire and Energy disciplines

Venue: UT, SCOPE Admiralty Learning Centre, 8/F United Centre, 95 Queensway, Admiralty
CPD: 1 hour
**The CPD certificate shall be sent to your registered EMAIL ADDRESS on or before August 5, 2015. No printed copy will be distributed during the event.*
Language: English

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