



ASHRAE Hong Kong Chapter



The Hong Kong Air Conditioning and Refrigeration Association Ltd.

ACRA & ASHRAE Technical Workshop

Title: **Air system design and applications for HVAC systems**

Date/Time: 18 and 25 May, 1 and 8 June 2010 (Tue), 6:30 pm – 9:30 pm (four evenings)

Venue: Lecture rooms (to be confirmed), PolyU, Hung Hom, Kowloon

Description: **What You Will Learn**

You will develop an understanding of the basic principles and components of air system design; fan technology and duct system design; general requirements on ventilation systems; and testing commissioning procedures of air side systems.

Course Content

Part 1: Fundamentals of Air System Design

1.1 Basic Principles and System Components

1.2 Fan Technology and Duct System Design

Part 2: Practical Applications of Ventilation and Air Side Systems

2.1 General Requirement on Ventilation Systems in Schedule Premises

2.2 Testing and Commissioning Procedures of Air Side Systems

Who Should Attend

- engineering graduates and technicians working in the HVAC&R industry and related fields;
- experienced engineers entered the HVAC&R industry from other engineering fields; or
- other professionals who want to increase their knowledge of air system design.

Lecture notes and a reference book “*Fundamentals of Air System Design*” from ASHRAE, list price at US\$150, will be given to the participants (included in the fee). Certificate of attendance will be issued to each participant at the end of the workshop.

Speakers:

Dr. Sam C. M. Hui

PhD, BEng(Hons), CEng, CEM, MCIBSE, MHKIE, MASHRAE, MIESNA, LifeMAEE, Assoc AIA

Dr. Hui is a Teaching Consultant and an Honorary Assistant Professor of the Department of Mechanical Engineering, The University of Hong Kong. He has a strong technical background in the study of energy efficiency in buildings and is active in promoting sustainable building technology. He has good experience in practical building services design and has carried out teaching, research and consultancy studies in Hong Kong, Mainland China, Germany, Japan, USA and Thailand. He was the President of the ASHRAE Hong Kong Chapter in 2006-2007. He is selected as a Distinguished Lecturer of ASHRAE U.S. Headquarters for 2009-2011.



Mr. Marloni Leung

Mr. Leung is the Hon. Secretary of the Hong Kong Registered Ventilation Contractors Association Ltd (HKRVCA).



Ir Daniel Chong

CEng, FHKIE

Mr. Chong is the President of the Hong Kong Air Conditioning and Refrigeration Association Ltd. (ACRA) and Past Chairman of the HKIE Building Services Division.





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Language: English (supplemented with Cantonese)

Application: Open to all interested persons. Please complete and return the application form by e-mail/post and send the crossed cheque via post before **10 May 2010**. Number of participants is limited. Places will be allocated on a first-come-first-served basis. Successful applicants will be informed individually by e-mail / phone.

Application Form: Air system design and applications for HVAC systems

Name (Dr/Mr/Mrs/Ms/Ir) : _____

ASHRAE Membership : Class:_____ No.: _____

ACRA Membership : Class:_____

Company/School : _____

Contact Address : _____

E-mail Address : (Required) _____

Contact Numbers : (Tel/Mobile) _____ (Fax) _____

[* Course fee includes refreshments, lecture notes and a copy of the reference book.]

Course Fee (ASHRAE/ACRA Member) - \$2,000 x _____ person (cheque no.: _____)

Course Fee (Non-Member) - \$2,300 x _____ person (cheque no.: _____)

Enquiries: For inquiries, please contact us at email info@acra.org.hk or info@ashrae.org.hk

Registration: The application form and crossed cheque with appropriate payment in Hong Kong dollars payable to "The Hong Kong Air Conditioning and Refrigeration Association Ltd." shall be sent to **Room 1801, Tung Wai Commercial Building, 109-111 Gloucester Road, Wanchai, Hong Kong**, before **10 May 2010**. The applicant may e-mail the above information to info@acra.org.hk for place reservation and then followed by cheque payment via mail.