



IHEEM
Hong Kong Branch



**The Hong Kong Institution
of Engineers**
Building Services Division



ASHRAE
Hong Kong Chapter



CIBSE
Hong Kong Branch

Technical Talk

Title : Control of airborne/droplet-borne infectious diseases in hospitals – where is engineering?
 Date & Time : **28 March 2006 (Tuesday)**
 5:45 p.m. to 6:00 pm Refreshment
 6:00 p.m. to 7:00 p.m. Seminar
 Venue : Basement Hall, Methodist Hall, 36 Hennessy Road, Wanchai, H.K.

Detail: -

With the speculated next pandemic of influenza, and the current avian flu outbreak, there have been growing interests in understanding and controlling environmental factors that affect transmission of infectious diseases. Viruses in emerging infectious diseases such as the recent SARS epidemics might have jumped from animals (or birds) to human, but it was mostly in buildings that these viruses could spread easily among us. The talk will discuss the meaning of airborne and/or droplet-borne transmission of diseases, the impact of air flow/ventilation on infectious diseases transmission and the importance of engineer's contribution in designing and installing a sound ventilation system to prevent the disease spreading.

The speaker background: -

Dr. Yuguo Li, Associate Professor, Department of Mechanical Engineering, the University of Hong Kong. Prior to joining HKU, Dr Li was a Principal Research Scientist at CSIRO Australia. His current research topics include urban environment and heat island, bioaerosols, building energy efficiency and ventilation. His work led to the findings of the roles played by air flow and ventilation in the 2003 Amoy Gardens SARS outbreak. He publishes over 70 journal articles including both engineering and medical journals such as Indoor Air and New England Journal of Medicine. Dr Li serves as Editorial Board member in four international journals – Indoor Air, Indoor and Built Environment, International Journal of Ventilation and Journal of the IEST. He received the HKU Outstanding Young Researcher in 2003.

Registration Fee: - Free of charge.

Registration: -

For registration, please complete and fax the below registration form at 2704-5667 by 15 March 2006. Successful applicant will be informed individually.
 Numbers of participants are limited to **200**. Allocation will be on first come first served basis.

REGISTRATION FORM

Registration for Technical Talk (28 March 2006) – Control of airborne/droplet-borne infectious diseases in hospitals – where is engineering? Please fax this form to Mr. Patrick Wong (Fax No. : 2704-5667)

Name:		Telephone No.	
Company		Email Address	
Membership No.			