



## **ASHRAE (HKC) / CIBSE (HKB) / HKIE (BS Div) Joint Function**

### **Technical Talk on**

### **“Acoustic Design of Building Services System in Low Noise Spaces in Hong Kong”**

#### **Details**

Date : 9 January 2008 (Wed)  
Time : 6:30pm for 7:00pm to 8:30pm

Venue : Lecture Theatre N001, Hong Kong  
Polytechnic University, Hung Hom,  
Kowloon

#### **Programme Highlights**

It is not uncommon in Hong Kong that acoustic problems often arise due to insufficient attentions to the design of building services system during the planning phase and/or design details in the schematic/detailed design/construction phases with respect to control of noise and vibration transmission, especially in low noise spaces such as cinemas, TV studios or private office speech privacy. Sometimes, the problems resulted could be small and minor in nature which could be improved by minor modification of the system after an investigation of the origins of the problems at a cost and still be manageable. But sometimes, it might grow to an issue that requires careful attentions to the project team, and have an overall impact in terms of the programme, cost and operation. This Presentation will discuss the acoustic design aspects in low noise spaces in Hong Kong, methods of ductborne, breakout, aerodynamics and mechanical noise/vibration control, and interface issues with the building elements.

#### **Speaker**

William Ng has worked in Arup since 1998 with acoustics as one of his specialism. He is a Senior Consultant with Arup and has played a significant role to the East Asia Region. He obtained his BSc and PhD degrees from the Department of Mechanical Engineering, The University of Hong Kong. Since then, he has a wide variety and depth of acoustic experience within the construction industry for the past 10 years. He has been involved with many projects such as TaikooShing Cineplex, TVB New TV City, Simex-Iwerks 4D Cinema and has extensive Project experience in a variety of applications and countries. He is a Member of Institute of Acoustics, UK.

#### **Fee**

Free of charge, and CPD Certificate from HKIE / ASHRAE / CIBSE will be available to their members.

#### **Registration & Enquiry**

Please register ONLINE via the website of CIBSE Hong Kong Branch – [www.cibse.org.hk](http://www.cibse.org.hk)  
(Note: All members have to fill in the membership number for verification. The organizers reserve the right to decline their application if no membership no. is submitted.)

The maximum number of participants is 100. Applications will be accepted on a first-come-first-served basis. The deadline of application is **28 December 2007**. Successful members will be notified by e-mail or phone, and their names will be posted on the institutions' websites - [www.hkiebsd.org](http://www.hkiebsd.org), [www.ashrae.org.hk](http://www.ashrae.org.hk) and [www.cibse.org.hk](http://www.cibse.org.hk) after **2 January 2008**.

For enquiry, please contact Ir T K Chan (for ASHRAE members) at 3442 6870 and Ir Kenneth Sin (for HKIE BSD members) at 2268 3678 and Ir Peter Long (for CIBSE members) at 2807 4835.