



香港聲學學會

Hong Kong Institute of Acoustics

**Building Acoustics – Seminar 3:
Assessment of Noise and Vibration in Intelligent Buildings using
Intelligent Building Index**

(Jointly Organized by HKIOA, BSE Dept of HKPolyU, Dept of REFM of IVE (Morrison Hill))

Speaker: Dr. Edward C.Y. Yiu
Venue: QR404, The Hong Kong Polytechnic University, Hung Hom, KLN
Date: 30 September 2010 (Thursday)
Time: 6:40 to 8:30pm (registration starts at 6:30pm)

Background of the speaker:

Dr Edward C.Y. Yiu, Assistant Professor of the Department of Real Estate and Construction, the University of Hong Kong, is one of the most active researchers of building intelligence in Hong Kong. He has involved in the development of the Building Intelligent Index and edited the book titled “Contractual and Regulatory Innovations in Building and Real Estate”. He has been the Chairman of the Technical Committee in the Asian Institution of Intelligent Buildings.

Program highlight:

Intelligent Buildings have been developing for about 30 years, and the Asian Institute of Intelligent Buildings (AIIB) has developed an Intelligent Building Index (IBI) of a unique assessment scheme for intelligent buildings, including a green module. This presentation briefly discusses about the IBI assessment on noise and vibration issues of an intelligent building. Four approaches, namely (1) Automated Building Model; (2) Responsive Building Model; (3) Effective Building Model, and (4) Learning Model, are counted for achieving building intelligence, while the assessment is based on actual performance of the building.

Registration:

The Seminar is free of charge to members of HKIOA or students/staff of Department of Building Services Engineering of the Hong Kong Polytechnic University and Dept of Real Estate and Facilities Management of IVE (Morrison Hill), but non-members will be charged at HK\$100 per head to cover administrative costs. For registration, please send a blank e-mail to: reg23@wal.hk. You may type your Membership No. at the title of the blank e-mail for our easy administration. First-come-first-served.

Ir Dr C.M.Mak and Ir Y.N. Au Yeung
Chairmen of Building Acoustics Sub-committee, HKIOA
3 September 2010