



香港聲學學會

Hong Kong Institute of Acoustics

**Railway Noise Control 2007 - Seminar 2:
Variations and Uncertainties of Rail Noise and Vibration**

(Jointly Organized by HKIOA, HKIEIA, BSE and ME Dept of HKPolyU)

Speaker: Barry Murray
Venue: Hong Kong Polytechnic University Y416
Time: 6:45-7:45 pm, Tuesday, 13th February 2007

Whilst the procedures for prediction of airborne noise, vibration and groundborne noise from rail operations are well documented, the variations which occur within the system and the uncertainties of the prediction make these procedures difficult to implement. In this seminar, Mr Barry Murray will address noise and vibration prediction procedures for rail projects and emphasize those variations and uncertainties. He will address ways to predict the variations and appropriate methods for incorporation of these variations in the setting of noise and vibration limits and in designing noise and vibration mitigation measures.

Barry Murray is a director of Wilkinson Murray, an acoustic consultant based in Sydney with a branch office in Hong Kong recently providing rail noise and vibration design services. He has had many years experience in dealing with the noise and vibration issues of railway systems and has accumulated a lot of data and knowledge about the subject.

There will be total of 8 to 10 seminars in railway noise control series in Year 2007. The first 4 seminars have been scheduled as shown below.

Date	Speaker	Title	Venue
10/1/07 (Wed)	Dr Glenn Frommer (MTRC)	Implementation of Acoustic Measures in EMU and Stations	FJ302 HKPolyU
13/2/07 (Tue)	Barry Murray (Wilkinson Murray)	Variations and Uncertainties of Rail Noise and Vibration	Y416 HKPolyU
7/3/07 (Wed)	Richard Kwan (KCRC)	Railway Noise Measurement Approaches for Prediction Verification and NCO Compliance	TBA
11/4/07 (Wed)	Joey Koo / Edmond Chiu (KCRC)	Railway Trackform Design Concerns	TBA

Registration:

The Seminar is free of charge to members of HKIOA and HKIEIA, but non-members will be charged at HK\$100 per head to cover administrative costs. For registration, please send a blank e-mail to: reg7@wal.hk. You may type your Membership No. at the title of the blank e-mail for our easy administration. Enquiries please send to the undersigned at: who@wal.hk.

Wilson Ho
Chairman of Activities Sub-committee, HKIOA
31 January 2006