



香港聲學學會

Hong Kong Institute of Acoustics

**Railway Noise Control 2007 - Seminar 6:**  
**Evolution of Railway Noise Control**

Speaker: Mrs. Catherine Leung of MTRC

Venue: Hong Kong Polytechnic University FJ302

Time: 6:30-8:00 pm, Wednesday, 11 July 2007 (Reception starts at 6:15pm)

Catherine Leung has been working in the environmental engineering field in the railway industry over 9 years. She is the environmental engineer with the Operations Division of the MTR and has been responsible for various noise improvement projects for the Operating Railway from noise barriers to wheel rail interface noise control. She currently involves in Tung Chung and Tsing Yi noise barriers construction project, noise control through better grinding and friction improvement at wheel rail interface, etc. In this seminar, she will share her experience in railway noise control from the evolution of noise enclosures and barrier to control at sources. She will review factors affecting railway noise and possible ways to mitigate from re-design, operate and maintenance.

Railway Noise Control Series in Year 2007 is jointly organized by HKIOA, HKIEIA and BSE and ME Dept of HKPolyU. The following 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
21/3/07 (Wed)	Prof Bill Barron, Civic Exchange	Role of Rail in Hong Kong's Sustainability	RHKYC
18/4/07 (Wed)	Ir Joey Koo and Ir Edmond Chiu, KCRC	Permanent Way - the Challenges and Development	Y611 HKPolyU
9/5/07 (Wed)	Richard Kwan, KCRC	Managing Expectations - Noise from Ma On Shan Rail	Y303 HKPolyU
11/7/07 (Wed)	Catherine Leung, MTRC	Evolution of Railway Noise Control	FJ302 HKPolyU
19/9/07 (Wed)	Trevor Smith Tiflex Limited	A Manufacturer's Overview on Attenuation of Railway Track Noise	TBA

**Registration:**

The Seminar is free of charge. For registration, please send a blank e-mail to: [reg10@wal.hk](mailto:reg10@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](mailto:who@wal.hk).

Wilson Ho,  
Chairman of Activities Sub-committee, HKIOA  
22 July 2007