



香港聲學學會

Hong Kong Institute of Acoustics

**Railway Noise Control 2007 - Seminar 9 (Last Seminar of This Series):  
Trackform Vibration Reduction – Myths and Legends Reviewed**

**Speaker: Alan Crockett**

**Venue: M108 in Li Ka Shing Building, HK Polytechnic University**

**Time: 6:30-8:00 pm, Wed, 12 Dec 2007 (Reception starts at 6:15pm)**

Mr. Alan Crockett has been an Engineering Consultant for over 20 years, mostly in the area of rail transportation noise and vibration assessment and control. He designed vibration isolation for most of the floating slab tracks in Hong Kong and Taiwan. Mr. Crockett is currently a Fellow of the CHKPWS and Member of the HKIOA.

Over many years of consulting, he has on occasion been confronted with often strongly held beliefs concerning the performance and effectiveness of vibration reducing trackforms. These beliefs have congealed around several topics related to both vibration reduction effectiveness and operational track performance. Some could only be described as having achieved an almost mythical or legendary status, without a solid basis in fact, or worse, in contradiction with the preponderance of measurement data and/or operator experience. Several of the more important ones are identified and discussed in this presentation.

Railway Noise Control 2007 is jointly organized by HKIOA, HKIEIA, BSE and ME Dept of HKPolyU. This is the last seminar in Railway Noise Control 2007 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 & Ir Edmond Chiu, KCRC	Permanent Way - the Challenges and Development	Y611 HKPolyU
9/5/07 (Wed)	Ir 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
18/9/07 (Tue)	Dr Trevor R. Smith Tiflex Limited	A Manufacturer's Overview on Attenuation of Railway Track Noise	FE305 HKPolyU
29/11/07 (Thur)	Dr CF Ng HK PolyU, Civil & Struct. Eng. Dept.	High Speed Rail in China, Korea and Japan	N001 HKPolyU
12/12/07 (Wed)	Alan Crockett Wilson, Crockett & Associates, Limited	Trackform Vibration Reduction – Myths and Legends Reviewed	M108 HKPolyU

**Registration:**

For registration, please send a blank e-mail to: [reg13@wal.hk](mailto:reg13@wal.hk). You may type HKIOA Membership No. at the title of the blank e-mail for our easy administration. The Seminar is free of charge to members of HKIOA and HKIEIA. Non-members will be charged at HK\$100 per head to cover administrative costs.

Enquiries please send to the undersigned at: [who@wal.hk](mailto:who@wal.hk).

Wilson Ho,  
Chairman of Activities Sub-committee, HKIOA  
5 December 2007