



香港聲學學會

Hong Kong Institute of Acoustics

**Railway Noise Control 2007 - Seminar 7:  
A Manufacturer's Overview on Attenuation of Railway Track Noise**

**Speaker: Dr Trevor R. Smith of Tiflex Ltd**

**Venue: Hong Kong Polytechnic University TU201**

**Time: 6:30-8:00 pm, Tuesday, 18 September 2007 (Reception starts at 6:15pm)**

Trevor read mechanical engineering at Nottingham University and continued there to research into the fatigue properties of glass reinforced plastics. He commenced his career with developing plastic gas pipe systems and in subsequent career moves, he, being a self styled 'materials engineer', has retained an interest in pipeline technology and developing a particular interest in the use of elastomeric materials for seals. This has led to greater involvement in the use of resilient elastomeric materials in railway applications. This is a long way from Trevor's first experience of servicing the railway industry which was in the design and supply of cast iron and ductile iron tunnel lining segments, including involvement with the early stages of the Island route for MTR. For the past 10 years, Trevor has been active in the supply of systems for reducing noise and vibration in trackwork applications and has been involved in several projects for MTR and KCRC. He is currently Strategic Business Manager, Rail Services at Tiflex, a specialist British rubber company that has been supplying the railway industry with resilient products for over 60 years.

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 & 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	TU201 HKPolyU
17/10/07 (Wed)	Benson LEE EPD	Vertical Directivities of Different Rail/Track Systems	TBA

**Registration:**

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. For registration, please send a blank e-mail to: [reg11@wal.hk](mailto:reg11@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  
5 September 2007