



香港聲學學會

Hong Kong Institute of Acoustics

Railway Noise Control 2007 - Seminar 4:

Permanent Way - the Challenges and Development

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

Speaker: Ir Joey Koo and Ir Edmond Chiu of KCRC

Venue: Hong Kong Polytechnic University Y611

Time: 6:30-7:30 pm, Wednesday, 18th April 2007 (Reception starts at 6:15pm)

Railway networks in Hong Kong is expanding in the recent years; the West Rail System linking between Tuen Mun and Nam Cheong was opened to public at the end of 2003. The Ma On Shan Rail System was opened at the end of 2004. Lok Ma Chau Spur Line was completed last year in 2006 and Kowloon Southern Link are currently under construction and they will be opened in the coming years. There are many challenges in railway design and construction. The rail system must be safe, reliable, maintainable, user and environmental friendly. The Permanent Way system shall be designed and built to cope with the railway system's interfaces. For the track system, the speakers will focus the challenges and development to meet the environmental aspects and its stringent requirements and the key factors that can contribute to the success of a new railway.

Ir Joey Koo has been working in the Permanent Way industry since 1978 commencing his railway construction projects of MTRC - MIS/TWL and KCRC East Rail electrification project. Since then he has worked for the MTR Corporation, KCRC in Hong Kong and Singapore MRT covered 13 years in Permanent way maintenance and 15 years in design and construction experience. The key large infrastructure projects involved were Lantau Airport Railway, West Rail, Ma On Shan Rail and Tsim Sha Tsui Extension in Hong Kong. Joey is currently the Permanent Way Manager for KCRC East Rail Extensions, responsible for Lok Ma Chau Spur Line trackwork contract.

Ir Edmond Chiu is the Permanent Way Construction Manager with the Capital Project Division of the KCRC. He has involved in the railway projects in Hong Kong including the Island Line, Tuen Mun Light Rail, Airport Railway and the West Rail projects since 1980s. He is currently the Engineer's representative for the administering of the Kowloon Southern Link Permanent Way Contract.

There will be total of 8 to 10 seminars in railway noise control series in Year 2007. The first 5 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	Noise Prediction Verification of Ma On Shan Rail	TBC

Registration:

The Seminar is free of charge to members of HKIOA, HKIEIA and CHKPWS, but non-members will be charged at HK\$100 per head to cover administrative costs. For registration, please send a blank e-mail to: reg8@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
27 March 2007