香港聲學學會
Hong Kong Institute of Acoustics

Certificate Course on Road Traffic Noise Assessment

Date, Time and Venue

Session	**S1**	**S2**	**S3**	**S4**	**S5**
	Lecture	Lecture	Lecture	Lecture	Practical
Venue	RHKYC *	RHKYC *	RHKYC *	RHKYC *	CUHK **
Date/Time	15/8/2006, 6:30pm – 9:30pm	17/8/2006, 6:30pm – 9:30pm	29/8/2006, 6:30pm – 9:30pm	31/8/2006, 6:30pm – 9:30pm	2/9/2006, 9:30am – 12:30 pm

* Royal Hong Kong Yacht Club, Kellett Island, Causeway Bay, Hong Kong
** Room 222, Wong Foo Yuan Building, Chinese University of Hong Kong

Programme Highlights and Course Outline

Like other metropolitan cities, a large number of residents are affected by road traffic noise problem in Hong Kong. The government estimates that about 1.1 million people in Hong Kong are exposed daily at home to road traffic noise level exceeding 70dB(A)L_{10}(1hr). No doubt, road traffic noise becomes the most severe environmental noise problem in Hong Kong. To keep road traffic noise at bay, road traffic noise assessment is an important component in the process to prevent the problem through planning, to abate the problem and to get public involvement because assessment including noise prediction models has to be conducted to scale the problem, to design mitigation approach and to present the effectiveness of various options.

The Hong Kong Institute of Acoustics is proud to present this course which aims at providing the local professionals with a structured frame starting from refreshing the basic concept, looking into the “Calculation of Road Traffic Noise” step by step, discuss with you some interesting cases and presenting to you the most updated and trendy assessment approach including 3D noise assessment and visualization tool. The course would also include a practical session with hands-on experience on 3D noise assessment. The outline of the course is:

Session 1 Basic Road Traffic Noise Modeling Concept
Session 2 Calculation of Road Traffic Noise Methodology
Session 3 Case Studies on Road Traffic Noise Assessment
Session 4 3D Visualization Techniques for Modeling
Session 5 Hands-on Experiences on 3D noise assessment and visualization tool

Language: English

Fee, Certificate, Enquires and Registration

Fee: HK$3,500 per participant

Speakers
Mr. Tom Ho – a very experienced acoustic professional specialized in measurement equipment and standards.

Mr. NC Cheung – a very experienced civil, transport and acoustic engineer who is responsible for the establishment and coordination of the design and construction of the first transparent barrier in Hong Kong. He is the immediate-past Chairman of the HKIOA.

Mr. CK Lee – an acoustic engineer who has dealt with lots of road EIA projects and residential development planning studies. Mr Lee is also one of the pioneer acoustic professionals in developing the sophisticated 3D noise prediction tool.

Mr. Joshua Hui – a post-graduate fellow who is specialised in noise mapping and GIS applications.

Certificate: Certificate will be issued upon completion of the course (100% attendance is required) and successfully passing the end-of-course appraisal and assessment. The certificate will be recognized as HKIOA continuous professional development specifically on road traffic noise assessment.

Enquiries and Registration: Reservations will be confirmed upon receipt of payment and availability of places. Successful applicants will be informed via e-mail. Cheque must be made payable to 'The Hong Kong Institute of Acoustics' and be sent, together with the registration form, to HKIOA, GPO Box 7261, Hong Kong. The Hong Kong Institute of Acoustics reserves the right to allot the registration to members of the HKIOA in case of over subscription.

Course Administrator: Mr. Tom Ho
Tel no.: 2833 9987; email: tomho@svsamford.com

Deadline of application: 25/7/2006

The course information/registration form is also available from web site www.hkioa.org.
The course is supported by the Environmental Protection Department.

Registration for the "Certificate Course on Road Traffic Noise Assessment"

Name (English & Chinese):		
Company:		
Address:		
Tel:	Fax:	email: