



# School of Computing, Science and Engineering

## CSE Doctoral School Programme All Staff and Students Welcome

(No registration is required)

**Friday 22nd July 2011 from 2pm to 3pm in Newton 233**

### **Health Effects of Transportation Noise in Hong Kong Prof. Kin-che LAM, The Chinese University of Hong Kong**

#### **Bio:**

Professor Kin-che LAM's teaching, research and community service all focus on creating an environmentally friendly and sustainable world. He is Professor in Geography and Resource Management and Director of the Institute of Environment, Energy and Sustainability at The Chinese University of Hong Kong.

With a geographical background, Prof. Lam's research initiatives are mostly related to environmental acoustics, environmental assessment and planning of compact cities. He pioneered the use of GIS for noise mapping of high-rise cities, probed into the health and annoyance effects of noise and applied soundscape concepts to the management of the urban acoustic environment. In addition to his academic work, Prof. Lam has contributed widely to community service in environmental affairs in Hong Kong. He served for 15 years as Advisory Council on the Environment, initially chairing the EIA subcommittee and then as the Council Chairperson. The Council offers advice to the Hong Kong SAR Government on all policies and matters related to the environment.

Professor Lam is an Honorary Fellow of the Chartered Institution of Water and Environment Management, Fellow of the Hong Kong Institute of EIA and Member of the Hong Kong Institute of Acoustics. He received the honour of the Silver Bauhinia Star from the Hong Kong SAR Government in 2006 for his contributions to environmental protection.

#### **Abstract:**

Transportation noise is a problem in many cities of the world. This seminar introduces a large scale study, involving over 10,000 households in Hong Kong, probing into the health effects of transportation noise. Health, sleep disturbance and annoyance data were collected by household survey and the corresponding noise exposure ascertained by territory-wide noise mapping. The study has significant scientific and practical importance and will provide the much needed data for comparing the response of the Hong Kong population with that of other countries. Being principle investigator of the study, Prof. Lam will explain the rationale of the study, describe the methodology developed, highlight the challenges encountered and outline the solutions adopted in the study. Some initial findings will be provided and discussed in the seminar.

**For further information, please contact:**

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