Message from the Chairman

Dr CM MAK

I have executed the duties of the Chairman for almost two years (2006-2008). It is my privilege to serve the only professional institute solely devoted to acoustics in Hong Kong. I will step down as Chairman soon but hope that I can still serve you as the institute’s executive committee member. With the effort and the commitment of our executive committee members, we have recently organized more railway noise control seminars, delegation visits to Japan and Taiwan and joint publication of the “Technical Acoustics” journal. I represented the institute to attend the 3rd International Symposium on Temporal Design in Guangzhou on 2-7 November and the annual meeting and 20th Symposium of Acoustical Society of Taiwan on 23 Nov 2007. Thank you for the support of our members.

The 14th International Congress of Sound and Vibration

Dr CW LAW

The 14th International Congress of Sound and Vibration (ICSV14) was held during 9-12 July 2007 at Cairns Australia. ICSV14 was the annual Congress of the International Institute of Acoustics and Vibration (IIAV), and was held in conjunction with the annual conference of the Australian Acoustical Society (AAS). The Congress was organized by IIAV, AAS and the University of New South Wales (UNSW), in cooperation with the International Union of Theoretical and Applied Mechanics (IUTAM). The Congress was well attended. According to the organizer, a total of 558 papers from 46 countries were received for presentation. The scientific program of ICSV14 consisted of seven keynote lectures, 37 structured sessions and 24 regular sessions. Some members of HKIOA attended the conference, including Prof KC Lam, Prof KM Li, Dr CF Ng, Dr SK Lau, CK Lee and CW Law. Dr Law was invited as the member of International Scientific Committee to organize and chair a structured session on GIS Applications in Noise Assessment, which attracted eight presentations from various areas including Australia, Japan, UK, Korea and HK.

Message from the Editor

YN AU YEUNG

This is the last edition of our newsletter in the executive committee year 2007. We had quite a fruitful year with our committee/non-committee members participating in various functions and activities, both local and overseas. Our Chairman Dr Mak participated in Conferences/Symposia in Taiwan and China. Dr CW Law took part in ICSV14 in Australia. Besides, Our Activities Sub-committee Chair Wilson continued to organize his series of seminars on railway noise. All these can be found in this issue of our Sounding Board. Snap shots of the last AGM were included to refresh your memories and to conclude the current and to look forward to the coming executive committee years. Wish you enjoy reading our newsletters.

The 3rd International Symposium on Temporal Design in Guangzhou

Dr CM MAK

n 2-7 November 2007, the 3rd International Symposium on Temporal Design was jointly organized by our Institute, State Key Laboratory of Subtropical Building Science, Faculty of Architecture, South China University of Technology and Academic Committee for Architectural Acoustics, Architectural Society of China. The venue is South China University of Technology (SCUT), Guangzhou. The SCUT is a multidisciplinary university of high reputation in South China. There were various scientific topics in the symposium including “Architectural Acoustics”, “Community and Environmental Noise”, “Architectural Urban Design Adapting to Human and Environment”, “Soundscape”, “Music Composition and Performing Style to be Blended with an Auditorium”, “Temporal Design for Architectural and City Design”, “Environmental Psychology and Physiology. Environmental Engineering (including Visual, Heat, and Air)” and “Changing Natural Environment and Methods of Adaptation”. It was a successful event with different background participants from countries such as mainland China, Hong Kong, Korea, Japan, Taiwan and Italy. In the last day of the function, we were arranged to visit SCUT campus and the State Key Laboratory of Subtropical Building Science.
knowledge on the latest development in the field of building acoustics, including Soundscape and Urban noise policies, Auditorium Acoustics, Sustainable Acoustics and duct-borne sound in buildings.

As a representative of HKIOA, I attended the annual meeting and 20th Symposium of Acoustical Society of Taiwan at China University of Science and Technology in Taipei on 23 November 2007. I was invited to give a keynote speech on "Methods for Assessing the Performance of Vibration Isolators of Building Services Equipment". Together with other delegates, I was arranged to visit the campus and facilities of the University. It was a successful event that speakers from various scopes of acoustics presented their papers. Besides, it was a good opportunity for people from acoustics industry or academic institutes to meet friends and to foster the relationship between HKIOA and the counterpart in Taiwan.

Dr CM MAK gave two speeches in a technical seminar jointly supported by Taipei Refrigerating and Air-Conditioning Engineer Association, Taiwan Air Cleaning Association, and the Department of Energy and Refrigeration, Air-Conditioning Engineering National Taiwan University of Technology on 24 November 2007. Two speeches were “Numerical Studies of the Ventilation Performance of Architectural Features Used in Residential Buildings”, and “Experimental and Theoretical Studies of Flow-noise in Ductwork”. Many delegates asked questions and shared their views on the topics.

In the last decade, Hong Kong’s transit system underwent rapid expansion. New railway lines including the Airport Express Line (WRL), Tseung Kwan O On Shan Line (MOS), East Extension, Lok Ma Chau Kowloon Southern Link under construction. these new extensions, we achieve stringent noise limits in a highly populated city in the world, which enables Hong Kong to take a leading role in noise control technology for metro railways.

It is anticipated that more new railways will be developed by Hong Kong Government in the near future, including Express Rail Line (XRL), Northern Link (NOL), Shatin Central Link (SCL), West Island Line (WIL), South Island Line, etc. In order to foster the invaluable previous project experiences among professionals and provide up-to-date information on railway noise control technology for the design work in the future railway lines, Hong Kong Institute of Acoustics (HKIOA), supported by Hong Kong Institute of Environmental Impact Assessment (HKIEIA) organized a series of Railway Noise Control Seminars in 2007. Relevant professionals from railway operators (2 from MTRC and 2 from KCRC), rail product manufactures (Tiflex), academy (Civic Exchange and HK PolyU) and consultancy sectors (Wilkinson Murray and Wilson, Crocket & Associates) were invited as guest speakers. The last seminar was completed on 18/12/07 and a proceeding CD is now available for members with administrative cost.
On behalf of HKIOA, I would like to express my sincere thanks to all the speakers for their active sharing of newly developed technical knowledge, particularly to the guests from MTRC and KCRC.

We hope to shape the world with a better living environment, where people can enjoy both quietness and convenient transportation that they are longing for.

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### Acoustical Professionals List

**DO YOU WISH TO BE ON THE LIST OF ACOUSTICAL PROFESSIONALS?**

From time to time we receive enquiries from different sectors of our society for information on acousticians or noise consultants who can provide professional services such as noise testing or assessment. The Executive Committee of HKIOA has recently decided to maintain a list of Members who are interested to ... of our members.

In general, the list of acoustical professionals will be classified into two categories: (i) members who can provide general acoustical services such as noise testing, noise measurement, monitoring, etc; and (ii) members who can provide product noise testing services, in particular for the purpose of certifying noise testing reports in respect of applications under the current Noise Control (Hand Held Percussive Breakers) Regulations or Noise Control (Air Compressors) Regulations. (For this class of services, you need to be a Corporate Member of the Institute of Acoustics of the United Kingdom as required under the above regulations.)

If you are a Corporate Member of the HKIOA and wish to be included in the list, so as to serve the community either in your individual capacity or through your affiliation, please send an e-mail to admin@hkioa.org indicating your interest.

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**Articles published in this Newsletter do not necessarily reflect the views and opinion of the Hong Kong Institute of Acoustics. Sounding Bound is an official journal of the Hong Kong Institute of Acoustics.**