



Hong Kong Institute of Acoustics



Special Issue of Sounding Board

Attending the 37th International Congress of Noise Control
(Inter-Noise 2008)
26 – 29 Oct 2008 in Shanghai

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The 37th International Congress of Noise Control (also known as Inter-Noise 2008) was held from 26 to 29 Oct 2008 in Shanghai. The theme of the congress is “from Silence to Harmony”. The Congress was sponsored by the International Institute of Noise Control Engineering (I-INCE), co-organized by the Acoustical Society of China (ASC) and the Institute of Acoustics, Chinese Academy of Sciences (IACAS). The Hong Kong Institute of Acoustics (HKIOA)’s participation in Inter-Noise 2008 was very special and meaningful. Apart from attending and supporting the congress, the HKIOA submitted a proposal to bid for hosting inter-Noise 2011 in Hong Kong. Knowing the tremendous strength of our competitor, the Acoustical Society of Japan and Institution of Noise Control Engineering (Japan), and in particular their substantial experience in hosting international noise conference and strong presence in I-INCE, the HKIOA has worked very hard in the past 9 months and partnered with the Hong Kong Polytechnic University to compile an excellent proposal.

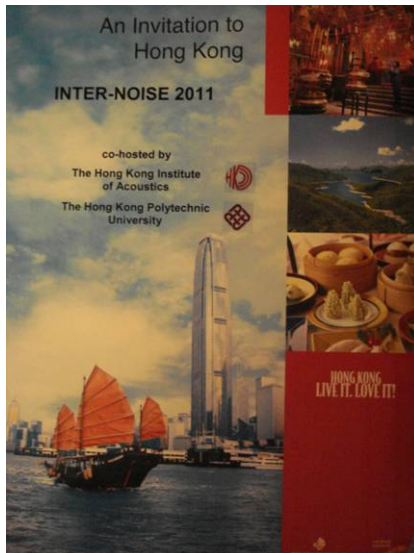
In the early morning of 25 Oct 2008, our representatives (Prof Li CHENG, Prof KC LAM, Tom HO, CL WONG and Maurice YEUNG) presented the proposal

and responded to the questions raised by the Congress Selection Committee of I-INCE. Our presentation and proposal were well received. Because of the excellence of both proposals, the I-INCE needed time to discuss before decision could be made. At this writing, we are yet to receive the result.



*The magnificent 5 after the presentation
of HKIOA's proposal*

We also took the opportunity on 26 Oct to meet our friends from the Chinese Academy of Sciences before the opening ceremony of the Congress. We had a useful discussion on the collaboration details related to our role and responsibilities in the editorial board of their publication "Technical Acoustics".



*HKIOA's proposal to host
Inter-Noise 2011 in HK*

As a member of I-INCE and also one of our objectives to encourage inter-flow of acoustical and noise control knowledge, the HKIOA was dedicated to support the Inter-Noise. To render our support to this international noise control engineering congress, the HKIOA encouraged members to attend so as to share experience and exchange views of various acoustic and noise control issues which are particularly relevant to Hong Kong. To show our dedication, the HKIOA submitted a paper titled "Review of Traffic Noise Problems and Proposal on Noise Control Policy for Hong Kong". This paper was submitted by our Chairman Tom HO together

with our immediate past Chairman Dr CM MAK with advice from Dr HF CHAN based on the materials from the report of the same title compiled by the HKIOA in 2003-04 with necessary updates. This was the ever first attempt by the HKIOA to give professional views of noise policy in Hong Kong with detail and professional analysis plus very insightful and useful proposal. This paper was well received and delegates were interested to find the situations in Hong Kong and also the proposal the HKIOA put forward.

In addition, the HKIOA also considered the need to have wider exposure of members of the HKIOA through participation in this kind of international noise



Music performance at Opening ceremony

control congress. In the last AGM in March 2008, the general views of members were also supportive of encouraging members to attend the Inter-Noise 2008. On this, the HKIOA Committee decided to sponsor a limited number of members to attend this congress by sponsoring half of the

registration fee for those who wished to attend but were not financially supported by their affiliating organizations. Eventually, the HKIOA sponsored 3 members in submitting papers to Inter-Noise 2008. They are Prof KC LAM (on “Human Preference for Countryside Soundscapes”); Dr Marc BURET (on “Application of Quadratic Residue Diffusers to Transportation Noise Control”); and Andy CHUNG (on “Simulating Noise in a Virtual Environment”).

The Inter-Noise 2008 was officially kicked off in the afternoon of 26 Oct 2008. After the welcoming speeches from Prof Dr J TIAN (the Congress Chairman) and Prof TACHABANA (the president of I-INCE), Prof Harry COLBURN gave a distinguished lecture on “Binaural Hearing Mechanism” which set the scene for Inter-Noise 2008. Following this,



Some of HKIOA's delegation at Opening ceremony

delegates refreshed the acquaintances, making new friends etc in the Welcoming Reception.



The Reception Party

All technical sessions run full day from 27 to 29 Oct 2008. There were also distinguished lectures to mark the beginning of each day. Prof Goran PAVIC talked about “Noise Sources and Virtual Noise Synthesis”

on 27 Oct. Prof J TIAN gave a lecture on “Microperforation for Sound Absorption and Noise Reduction” on 28 Oct whilst Prof Murray HODGSON reviewed with us the “Evaluation and Control of Acoustical Environments in Green (Sustainable) Buildings”.



The Chairman’s Dinner

Under the name of HKIOA, we invited a few “heavy-weight” friends to dine together on 27 Oct. They include the I-INCE President Elect Dr Gilles Daigle, Prof Jean-Louis GUYADER, Prof YW Lam, and Prof Stephen HAMBRIC. It was very fruitful to communicate with them over the table and helped establishing partnership for the Institute.



Dinner with guests

The Inter-Noise 2008 was a great success. There were a total of about 790 participants, 4 distinguished lectures, 636 technical paper presentations in 78 parallel sessions plus BB poster presentations covering the entire spectrum of acoustic and noise control. As for Hong Kong, 28 delegates participated in this congress and presented 25 technical papers. This marked a very presence and success of the HKIOA in this congress. The next congress, Inter-Noise 2009 would be held from 23 to 26 Aug 2009 in Ottawa of Canada and to be hosted by Canadian Acoustical Society and Acoustical Society of America.

Interesting Sidelights

During this attendance to the INTER-NOISE 2008, we had the opportunity to visit various places of Shanghai and here are some photos on noise barriers we saw.



Noise barriers on a flyover along Yan'an Rd West in Hongqiao



Noise barriers along Huazhou Rd on the way to Pudong Airport



Noise barriers along the elevated Shanghai Metro at Hongkou



A bird's view of the elevated railway section with vertical barriers protecting low rises