

Message from the Chairman



NC CHEUNG

I have taken up the post as Chairman for almost one year and I would like to thank our members, in particular to my colleagues in the Executive Committee for their supports over such period.

We have successfully registered the Institute as HKIOA Ltd. Newly elected Executive Committee Members will become the Directors of HKIOA Ltd. The Institute remains in a healthy financial position and all bank accounts will be transferred to HKIOA Ltd. In the last year, we received an increasing number of applications for membership as well as enquires from local practitioners in acoustics expressing their interest in joining the Institute.

The Institute continues to promote education and training in the acoustics field. Apart from the continuous organization of the Meyer Poon Memorial Award and the PD course in Acoustics and Noise Control with IVE, a task force has been set up to consider offering short courses to uphold the standards of practicing personnel in the field. Site visits and technical seminars were arranged with distinguished speakers from both local and overseas. Delegation visits were paid to Mainland China and Taiwan to promote cross-fertilisation. Having a strong external liaison with various professional bodies and institutes has always been our objective.

We have adopted the new approach of doing the art work/layout of our newsletters Sounding Board by the Publication Sub-Committee. The content has also been enriched by including more informative materials to keep members updated with the latest development in the industry. We continue to use electronic means to issue our newsletters by posting them on our website <http://www.hkioa.org> which has been well accessed with over 200 visits each month. We are pleased to have secured the identity of HKIOA on the Internet as a professional and trustworthy organization.

We will continue to invest in the expansion of the Institute and the development of its members. Opportunities will be sought to further expose the membership to the different practice areas of the still evolving field of acoustics and noise control. At the same time we will remain alert on possibilities whereby we could contribute to the community through our knowledge and expertise.

Message from the Editor



YN AU YEUNG

This is the fourth issue of our newsletter in 2004/05. Apart from reporting on our past activities, the most up-to-date membership numbers have been included.

One piece of good news is that our member Valerie has just got married. Her husband Augustine is a landscape architect. Members can share her happiness by referring to Valerie's message in the Members' Talk corner. May I make use of this chance to congratulate her and wish her a happy life ever after. It is also a good timing to ECHO our Chief Secretary of Administration's request of having 3 children per family. Work hard Mr. and Mrs. Woo!

This is the second time we received good news from members. The first time was back to June 2001 issue when Maurice announced his marriage in December 2000. My friends, keep going! Send us your news. We have been waiting too long for your good news!

Taiwan Acoustic Society Annual General Meeting 2004

NC CHEUNG



Further to our early visit in May 2004, the Taiwan Acoustic Society invited us to join their Annual General Meeting in November 2004, which was held at Kao Yuan Institute of Technology near Kaohsiung. I had the honour to be invited as a keynote speaker in their formal meeting. The title of the speech was "Noise Mapping – the European and Hong Kong Experience". The presentation was well received by the audience and the key questions were circled around the subject of presentation skills and ways of communication with the general public on transport noise issues. The other keynote speaker was the usual delegate, the President, Dr. Mitsuyasu Yamashita, from Kobayasi Institute of Physical Research. He presented a paper on the impact of low frequency noise on public and their general reaction to the low frequency noise. The topic was also very interesting.



Representatives from Taiwan Environmental Protection Agency were particularly interested in the projection of 3D noise presentation format and requested a copy of the presentation materials to be passed to them for reference. Other technical questions included the problems that they encountered in the interfacing with data stored in the different geographic information systems, the costs involved in setting up a noise mapping model and accuracy of the information presented in such a format. In addition, audience was interested in the general feedback of the public in Hong Kong regarding the use of noise mapping and 3D visualization techniques. At the end of the presentation, with the support of the Department of Environmental Protection, I passed on to the Society a dozen of CDs containing the materials of the seminar held in Hong Kong on the "Enhancing Continuous Public Involvement by Noise Mapping and 3D Visualization Techniques" for the reference.



After the presentation, I circulated among the delegates who attended the meeting and understood that the noise equipment suppliers are promoting noise mapping in Taiwan. Collaboration had been initiated with universities as an exercise to set up the noise mapping models in Taiwan, making use of the large number of automatic noise monitoring equipment currently installed over the country. Difficulties were experienced in these

exercises and parties involved were keen to seek assistance from us.

Here I would like to thank Mr. Elvis Au, Assist Director of the Environmental Protection Department, HKSAR Government for his assistance and information provided to make such successful presentation on behalf of HKIOA in the Taiwan Acoustic Society 2004 Annual General Meeting.

Invited Guest Lecture at the University of Hong Kong

YN AU YEUNG/Dr CW LAW

The Institute has been collaborating with tertiary institutions in offering seminars and training to students and young engineers in the acoustics field. As a continuation, an Invited Guest Lecture was offered to students of the University of Hong Kong (HKU) and the Hong Kong Institute of Vocational Education (IVE). It was held on the Saturday morning of 4 December

2004 at HKU with the help of Dr Dennis Leung from HKU in arranging the logistics.

The Lecture was started with YN Au Yeung and Dr F Chong introducing on behalf of the Chairman of HKIOA the Institute to the audience. It aimed at publicizing the Institute to potential engineers.



Three speakers took turn to present their talks:

1. "Legislation for controlling airborne & structure-borne noise", by Mr Raymond NG, Environmental Protection Department (EPD)
2. "Practical noise & vibration control means/products/case studies from the manufacturing/contracting area", by Dr Justin KWAN, NAP Acoustics (Far East) Ltd.
3. "Acoustic test for building materials", by Dr Fan CHONG, Acoustics and Air Testing Laboratory Co. Ltd.

The talks were interesting and informative and our potential/young engineers acquired practical knowledge from the experienced engineers in the field.

The Ninth Chinese National Noise and Vibration Control Engineering Conference: Sanya, Hainan Island, December 4-8, 2004

NC CHEUNG/KK IU

HKIOA was invited to attend the Ninth Chinese National Noise and Vibration Control Engineering Conference in December 2004 held in Sanya, Hainan Island. The event was attended by the environmental protection authorities, research and design institutes, and equipment suppliers. The Hong Kong delegates included NC Cheung, KK lu, Tom Ho, Jonathan Kwan and Ivan Ho.

We arrived on a sunny Saturday afternoon with a warm welcome of the tropical weather. After finishing all the registration procedures, we had a chance to see the downtown scenery at night and to familiarise with the surrounding tropical environment. The formal conference was opened on the following Sunday morning by Tienqing (田靜), Chairman of the Institute of Acoustics Academia Sinica, and the local delegates from Hainan Province. KK lu in the capacity of the past Chairman of HKIOA gave a brief introduction of HKIOA in the opening ceremony. Keynote speech was followed by a number of talks from distinguished guest speakers in the subjects of noise control and magnetic wave transmission.

HKIOA Chairman gave a talk on "Noise Mapping and the Hong Kong Experience". The audience was particularly interested in the skills of presenting complex environmental noise information to laymen. This was also the common problem in communication encountered by the acoustic practitioners in China. Similar topics were also presented by the local delegates in the areas of 2D noise mapping. Likewise, the problems of handling geographical data as expressed by the delegates had yet to be resolved. It was hoped that they could share some of our experience.

After two days' solid seminars by different delegates, the conference organizer arranged a one-day tour of the scenery spots in the vicinity of Sanya. As a closing remark, we were invited to participate in the coming Tenth National Conference, which is to be held in Shenzhen. HKIOA is expected to give a great support to this coming event.

A Dinner with Prof Ulf Sandberg on 7 Feb 2005

Maurice YEUNG

Prof. Ulf Sandberg, the world's leading expert in the field of tyre/road noise, visited Hong Kong in early Feb 2005. Prof Ulf Sandberg is a senior research scientist at the Swedish National Road and Transport Research Institute, as well as an Adjunct Professor in

Tyre/Road Noise at Chalmers University of Technology. Because of his expertise, Prof. Sandberg has been invited to participate in various international assignments, e.g. the convener of three ISO working groups on noise-related standardization topics, a member of some other ISO groups, and a researcher for the EU projects SILVIA and HARMONOISE.



During his brief visit in Hong Kong, the executive committee of HKIOA had great pleasure to invite Prof Sandberg to a dinner on 7 Feb 2005. Apart from the



executive committee members including NC Cheung (our Chairman), Dr KM Li, Martin Chan, Dr CW Law and myself, Isaac Ng of EPD also joined us for the dinner. Prof Sandberg briefed us the latest development on tyre/road noise research, design and development in the international arena. We were also able to exchange information on various aspects like the HKIOA, the institutional matters, research opportunity and facilities in Hong Kong etc. Our Chairman presented souvenirs to Prof Sandberg to memorise the visit.



第十屆全國噪聲與震動控制工程學術會議徵文活動

全國第十屆噪聲與震動控制工程學術會議將於今年 11 月底於深圳舉行，會議主題為：降低噪聲污染，創造綠色生活。為配合該活動，有關主辦單位特別向各位徵集論文，論文範圍包括：噪聲與震動控制工程及技術、建築聲學、環境聲學、噪聲與震動測量/預測/評價及儀器、聲訊號處理與分析方法、新型吸聲/隔聲/消聲/減震材料、構造及產品的研究開發與應用、計算機輔助設計、分析技術在噪聲與震動控制領域的應用、以及其他題目。詳情請聯絡大會籌委會金志春或盧岩林先生，電話：010-83523485-813，電郵：CNV2005@163.com。

Membership Profile

Dr CM MAK

Grade	Number (before 17 Feb 2004)	Number (up to 18 Feb 2005)
Associate Fellows	4	4
Hon. Fellows	0	2
Associate Members	45	54
Fellows	23	21
Members	127	150
Students	4	4
Total	203	235

Members' Talk



Finally I got married on 21st Jan, 2005 at Rosary Church, TST and I was called Mrs. Woo thereafter!!!

I wish my husband would not produce too much NOISE especially when I was shopping, haha...

May I take this opportunity to thank Angela & Maurice, Cecilia & Tom, Westwood and James for their participation and lovely presents.



Valerie KUNG

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.