



香港聲學學會

Hong Kong Institute of Acoustics

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## Chairman's Report 2017/2018

### Introduction

It has been my pleasure to serve as Chairman of HKIOA during the past months since the last AGM in March 2017. Firstly, I must thank the Executive Committee for their dedicated support and great efforts. We have achieved a lot in the past one year. The Institute has continued to provide professional developments to its members through various activities like technical seminars, regional conferences, social functions, etc. Our membership has been steadily growing, 12 new Corporate Members, 5 Associate Members and 2 Fellow Members, joined the Institute since last AGM and up to end February, which gives indication that the Institute has continued to gain recognition in the industry and profession. Our finance is sound and well, and we had also made a significant return in hosting the InterNoise 2017 international conference in Hong Kong the first time during August 2017.

I would like to express my sincere gratitude to the Executive Committee and the Organizing Committees for various events again for their excellent contribution to the Institute.

### Executive Committee of the Institute

The Executive Committee met on almost monthly basis and continued to manage the business of the Institute, organize and promote various activities to foster professional development of our members and recognition of the acoustic profession. The 2017/2018 Executive Committee comprises of a Chairman, 11 elected Committee Members, 4 Co-opted Member and 3 invited Advisers.

#### Committee Members (Session 2017-18)

Chairman	Ms Grace Kwok
Honorary Secretary	Mr Aaron Lui
Honorary Treasurer	Mr Wilson Ho
Chairman, Membership Sub-committee	Mr Joshua Chung Dr CK Chau CL Wong <sup>#</sup>

Chairman, Publication Sub-committee	Ms Felice Wong <sup>#*</sup>
Chairman, Information Technology Sub-committee	Mr Aaron Lui
Chairman, Indoor Acoustics Sub-committee	Mr William Fung Mr Henry Chan <sup>#</sup>
Chairman, Activities Sub-committee	Mr Chris Kwok
Chairman, Environmental Noise Sub-committee	Ir CK Lee <sup>#</sup>
Co-Chairman, Noise & Vibration Sub-committee	Mr Wilson Ho Dr Randolph Leung
Co-Chairman, Professional Development & Education	Dr CW Law Mr Ken Wong Dr Randolph Leung
Chairman, Construction Noise Sub-committee	Mr. M.K. Cheung Mr Ken Wong
Chairlady, Women in Acoustics	Ms Valerie Kung
Invited Advisor (Institution Advancement & Discipline)	Prof KC Lam Mr Louis Chan Ir KK lu

# Appointed by the 2017/18 Executive Committee as Co-opted Member

## Finance

The Institute remained in a healthy financial position for the year ended 31 December 2017. The most significant part of the income came from the hosting of the InterNoise 2017 international conference. The other part of the income came from membership fees, seminar / course fees, and bank interest. The accounts of the Institute have been audited by external independent auditor and details of the financial situation would be provided by the Honorary Treasurer, Mr Wilson Ho, in a separate report.

## Student Branch

The Student Branches at The Hong Kong Polytechnic University and The IVE's Morrison Hill campus continued to grow and provide students with opportunities to connect with professionals through organizing and participating different activities. The Branches co-organised the following seminar with invited speakers from the acoustic industry:

- Career sharing in February 2018 on Job Opportunities in the Acoustics Industry in Hong Kong

The handing-over ceremony of PolyU Student Branch and Morrison Hill IVE were scheduled after the Chairman's Report in the AGM.

## Membership

The number of membership applications has gradually increased during the year 2017/2018, as compared with last year. The Institute has continued to receive enquires from local practitioners in acoustics expressing their interest in joining the Institute. From March 2017 to March 2018, we have received a total of 74 nos. membership applications. As at end-February, 12 nos. of applicants were elected as Corporate Members, 5nos. were elected as Associate Members, 1 no. was elected as Fellow Members and 1 no. Corporate Member was transferred to Fellow Members. We are hoping that the Institute will continue to grow with more new members coming from various disciplines, which in turn, will enrich the knowledge and the culture of the Institute.

The trend of membership and its profile up to 15<sup>th</sup> March 2018 are given as follows:

Grade	As at 3 Mar 2011	As at 31 May 2012	As at 21 Feb 2013	As at 21 Feb 2014	As at 12 Mar 2015	As at 19 Feb 2016	As at 28 Feb 2017	As at 15 Mar 2018
Hon. Fellows	3	3	4	4	4	4	4	4
Associate Members	64	74	74	80	86	93	76	73
Fellows	21	21	21	21	21	21	18	19
Members	199	194	205	210	231	242	235	250
Students	119	119	119	120	120	120	226	226
Total	406	411	423	435	462	480	559	572

A new class of Membership, namely Sponsor Member, was established since January 2011 and opened to firms, organizations or persons engaged in or having an interest in acoustics. An annual subscription was required. Staffs of a Sponsor Member would gain better vision and wider exposure through participating events and activities organized by the Institute to keep abreast of the acoustics development while enjoying member's privileges and price. Representatives of Sponsor Members will receive flyers, notifications and publications of the Institute from time to time. Full details are available from the HKIOA website.

The Institute has implemented a new system of assessment for applications received after 1 Jan 2018, which requires a professional interview before admission to the class of corporate members as Fellow or Member. Application Fee of HKD300.00 will be

charged for each application received on or after 1 Jan 2018 for the class of Associate Member, the class of corporate member (Fellow or Member). Student Member application fee is free of charge.

## **Education**

### ***Certificate Courses on Architectural Acoustics Design, Noise Control, Road Traffic Noise Assessment and Measurement***

Apart from technical seminars/visits, to foster continuous professional development, HKIOA, with support from HKIE-MMNC, HKIQEP & ASME Hong Kong Section, had organized Certificate Courses on Architectural Acoustics Design, Noise Control, Road Traffic Noise Assessment and Measurement from July to October 2017. The courses aim at providing the local industry with updated skills and techniques required for noise control, road traffic noise assessment and measurement, and Architectural Acoustics Design. 23 sessions of courses were held mainly at the IVE at Lai Chi Kok. Practical session of noise modelling and in-situ session on road traffic noise measurement were also be conducted. Overwhelming response had been received in the courses and a total of 48 participants had participated.

Invited speakers included Ir CK Lee, Mr Joe Leung, Mr Benson Lee, Mr CL Wong and Mr Aaron Lui from the Environmental Protection Department, Richard Kwan from MTRC, Prof KC Lam from CUHK, Mr Henry Chan from Allied Environmental Consultants Ltd., Mr James Choi from ANewR Consulting Ltd., Dr FC Tsang from Ramboll Environ, Mr Tom Ho from S & V Samford Instruments Co. Ltd. and Mr Wilson Ho from Wilson Acoustic Ltd., whom were experienced professionals in the acoustics industry. Feedbacks received from the participants of the certificate courses were positive. They considered that the courses were very useful and helped in their understanding of the relevant legislation and technical knowledge in the fundamentals of acoustics and good practices related to noise and vibration control applications. The Institute intended to offer the courses on a regular basis and for those who had missed the opportunities for the current year will be given priority in the next round.

## **Activities**

The Institute organized a number of activities to keep our members abreast of the trends and development in acoustics. We fostered partnership and synergy with other educational / professional institutions for some of these activities. Special thanks are

given to Hong Kong Institute of Architects (HKIA), The Chartered Institution of Water and Environmental Management (CIWEM) and Hong Kong Institute of Environmental Impact Assessment (HKIEIA), MMNC of The Hong Kong Institution of Engineers (HKIE), the Hong Kong Institute of Qualified Environmental Professionals (HKIQEP), the Hong Kong Polytechnic University, and the Hong Kong University for their continuous support to many of our activities. Here is a brief summary of the events during the 2017/2018:

<b>Date</b>	<b>Activities</b>
26 <sup>th</sup> April 2017	International Noise Awareness Day - Joint HKIOA and HKU Public Lecture
4 <sup>th</sup> July – 26 <sup>th</sup> Oct 2017	HKIOA Certificate Courses on Noise Control, Road Traffic Noise Assessment, Architectural Acoustics Design, Road Traffic Noise & Railway Noise Measurement (2017)
27 <sup>th</sup> – 30 <sup>th</sup> August 2017	InterNoise 2017 – Co-organized with Hong Kong Polytechnic University
28 <sup>th</sup> September 2017	Application of Acoustic Camera in Hong Kong - Joint HKIOA and HKPU Seminar
6 <sup>th</sup> November 2017	HKIE's Certificate Course on Fundamental of Environmental Ordinance - Supported by HKIOA
12 <sup>th</sup> November 2017	HKIOA's Charity Event - in Support of Benji's Centre's Annual Walkathon
16 <sup>th</sup> November 2017	The 10th Cross-strait Many Cities Symposium on Acoustics 第十屆海峽兩岸聲學學術交流研討會議
14 <sup>th</sup> December 2017	HKIOA & HKIEIA Joint Christmas Party 2017
15 <sup>th</sup> December 2017	Application of Acoustic Camera in Hong Kong (2nd Series)
13 <sup>th</sup> January 2018	Seminar on Applications of Membrane-type Elastic Meta-material on Indoor Acoustics
2 <sup>nd</sup> February 2018	HKIOA/HKIE-MMNC Seminar - Challenge of Fan Noise Reduction for Home Appliances
7 <sup>th</sup> February 2018	Student Branch Activity - Career Sharing
9 <sup>th</sup> March 2018	HKIE Seminar - "Win-Win Stories for Contractors and the Community" – Supported by HKIOA
10 <sup>th</sup> March 2018	Certificate Course Presentation Ceremony cum Tea Gathering

## ***InterNoise 2017***

The annual International Congress and Exposition on Noise Control Engineering conference (“InterNoise 2017”) was held in our hometown of Hong Kong this year. The Congress is co- organized by the Hong Kong Institute of Acoustics and the Hong Kong Polytechnic University, in conjunction with NVH Branch, Society of Automotive Engineering China and the Acoustical Society of China. This year conference titled “Taming Noise and Moving Quite” spanned over four days between 27 and 30 August 2017 was held at the Hong Kong Convention and Exhibition Centre.

Over 1000 participants from more than 40 countries attended InterNoise 2017 and nearly 800 papers were received for 112 technical sessions. The Congress was officiated by the guest of honor, Mr. K. S. Wong, Secretary for the Environment of HKSAR government and Ms. Marion Burgess, President of the I-INCE. Despite the unexpected strong Typhoon on Sunday, August 27, the Opening Ceremony took place successfully with full house, followed by the first Plenary Lecture and then by the Welcome Reception. Five keynote speeches, 824 oral presentations plus 115 posters covering all aspects of acoustics as well as Noise and Vibration control were delivered at this well-attended conference. In addition, there were also more than 38 exhibitors and sponsors presenting their latest technologies and instrumentations. Other activities, including Session Chairs’ Dinner, the Congress Banquet and technical visits, also took place successfully.

Supported by the International Institute of Noise Control and Engineering (“I-INCE”), the InterNoise conferences aim to disseminate information on the field of noise control engineering and thus to promote progress in both, technological approaches and problem awareness. The series was first launched in Washington, D.C. in 1972 and had since been held in cities around the world. We are honored to have been the organizer of InterNoise 2017, which was an overwhelming success and set a milestone for HKIOA’s achievement in the international arena.

## **Publication**

Most of the activities conducted by the Institute have been reported in our newsletter “Sounding Board”, which is released as an electronic publication to Members and posted on our website. It provides a good medium not only for keeping members informed on our achievements throughout the year, but also for other interested readers to know more about our acoustics community. We have to thank those

members who have contributed to the informative contents in this publication. We will continue to make full use of the Sounding Board to promote sharing and communication among Members.

## **Information Technology**

The HKIOA website has continued to serve as a platform of communications between the Institute and our Members. This year, we have made a very significant step forward and created a Membership account for each of our Members. Members would now be able to update their personal details, pay their annual membership fees on line by credit cards or PayPal and to pay for seminars and conferences. Any person who is interested in joining HKIOA can visit our website to learn about the entry requirements and download an appropriate application form.

In 2017-18, our website ([www.hkioa.org](http://www.hkioa.org)) has continued providing services to members as well as interested parties. The photo gallery containing photos taken during various activities were uploaded for easy sharing among members. It does help to bring back many wonderful memories for Members who had participated in our activities and for those who would like to catch up with us. The information on the institute's membership were published for verification. More and more information and contacts of acoustics related local suppliers/contractors/consultants (subscriptions are required) have also been posted for the information of the public.

## **External Liaison**

In 2017/18, while we were pre-occupied in organizing various local activities, representatives of our institute also attended international conference/meeting to promote the institute, enhance collaborations, and foster long term relationship with the counterparts. A brief account of these events is:

1. "Technical Acoustics" Journal –Ir. Dr. Randolph LEUNG continued to contribute as members of the Editorial Board for this journal which is published quarterly. They keenly liaise with the Shanghai Institute of Acoustics to make the collaboration a success, and promote submission of papers from our members for publishing;
2. Ms Grace Kwok, Mr Wilson Ho and Mr William Fung attended the 10th Cross-Strait Acoustics Conference (第十屆海峽兩岸聲學學術交流研討會議) held on 16-17 November 2017 in Taipei alongside with acoustic professionals from China and Macau. The event was organized in conjunction with the 30th anniversary of the Acoustical Society of Taiwan. The coming Cross-Strait Acoustics Conference in 2018 shall be held in Hong Kong.

We often worked together with HKIE-MMNC, HK PolyU, HKU in organizing seminars and courses. This form of cooperation has proved to be a synergy for mutual benefits of our members and we hoped to have more similar joint functions in future.

## **The Way Forward**

In 2018, HKIOA will celebrate its 25th Anniversary through organizing a series of activities for our members, industry partners, and the society to strengthen our position as the only learned acoustical society in Hong Kong. We will also continue to co-organize technical seminars and talks with various professional institutions from time to time in order to nurture acoustics professionals and foster professional development of industry practitioners.

Being one of the Institutional Partners of HKIQEP, HKIOA will continue to strengthen our partnership with HKIQEP and uphold our mission to promote the knowledge and maintain the integrity of the acoustics profession. We will also participate in stakeholder engagement meetings organized by the government and professional bodies such as Hong Kong Green Building Council and BEAM Society Limited to provide professional advice on setting industry standards on acoustics with an aim to contribute to the city's sustainable built environment.

Taking this opportunity, I would like to express my sincere gratitude to all the Executive Committee Members and Organizing Committee Members who have been involved in various kinds of activities such as InterNoise 2017, the annual Certificate Course and so on.

In closing, I would like to stress that continuous support from our members is the essence to make our future endeavor a success. With your support and the concerted efforts of our Executive Committee, I am sure that the Institute would continue to thrive and reach new heights under the leadership of the coming session.



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Ms. Grace Kwok  
Chairman