



香港聲學學會

Hong Kong Institute of Acoustics

Sounding Board

March 2018 Issue

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HKIOA's Charity Event in Support of Benji's Centre's Annual Walkathon 12 November, 2017

Despite the optimistic weather forecast, it was still raining heavily on Sunday, 12 November 2017. However, it didn't stop the enthusiasm and commitment of all those participants to take part in this year's "Walkie Talkie Walkathon 2017" - a charitable fund-raising activity organized by Benji's Centre for children with speech disabilities.

The theme of this year's Walkathon was "Take a walk and help one's life". The Committee of the Women in Acoustics (WIA) of the Hong Kong Institute of Acoustics had great honor to have participated in this annual fund-raising activity. As a Silver sponsor, all Committee Members of the WIA contributed both their money and energy as donors and/or volunteers in the event. Some members even brought along their children to take part in this charitable event. Following the event big kitty mascot leading at the starting point, all participants joyfully completed a lap within the Quarry Bay Park. At the finishing line of the Walk, all participants were greeted with a Funfair with various fun games and delicious food to finish off this fun-filled afternoon. As the Chairlady of the WIA, I was one of the volunteers acting as the Ambassador of Love. It was my pleasure to have been given the opportunity in taking care of two cheerful children with speech disabilities, playing those fun games with them and serving them with the delicious lunch at the Funfair which was utmost enjoyable and meaningful even in this wet and rainy setting.



HKIOA's Charity Event in Support of Benji's Centre's Annual Walkathon 12 November, 2017

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Although it was my great honor to have received the Appreciation Letter from the Guest of Honor in the opening ceremony, it was the singing and dancing variety show given by the children from Benji's Centre after the opening ceremony which made me realize that with the help and devotion from all these whole-hearted donors and volunteers, all these great children from Benji's Centre can also live as happily and enjoyably as any other normal children in the society. I sincerely hope that we, Women in Acoustics of the Hong Kong Institute of Acoustics, can participate in more public welfare activities of this kind in the years to come.



Joint HKIOA and HKIEIA Christmas Party 2017

14 December, 2017

The Christmas Party was co-organized by HKIOA and HKIEIA, held on the 14th December 2017 at L16 Cafe and Bar. This year, about 110 friends joined the party to celebrate this wonderful Christmas time with us.

The party started with the blessing from all the HKIOA and HKIEIA committees. During the party, live music was performed by a band of young engineers.

Buffer dinner and free-flow drinks were served for the whole night. The atmosphere was so excited by the Santa Claus lucky draw. A prize winning inter-table "find the difference" game was also part of the joyful moment, while the most exciting part came to the speed drinking competition.

The evening completed with a series of music performance with the participation of some of the friends.



Seminar on Applications of Membrane-type Elastic Meta-material on Indoor Acoustics

13 January 2018

A seminar on the “Applications of Membrane-type Elastic Meta-material on Indoor Acoustics” organized by the HKIOA Indoor Acoustic Sub-committee was successfully held on 13 January 2018 (Saturday) at the University of Science and Technology.

The speaker, Professor Jason Yang, Zhi Yu, the Professor of Department of Physics, and the Environmental Science Program at UST, gave the participants a very inspiring and in-depth talk about decorated membrane resonators and its application. These metamaterials have a vast range of applications in residential and commercial buildings, etc.

Overall, the seminar was well received by over 30 participants from different sectors, the government department, consultants and project proponents, and it helped spread the acoustical knowledge to professionals.



Participants focused on Prof Jason Yang’s seminar.



Appreciation certificate was give to Prof Jason Yang.

Joint HKIOA, HKIE-MMNC and PolyU Seminar

Challenge of Fan Noise Reduction for Home Appliances

2 February, 2018

A seminar on “Challenge of Fan Noise Reduction for Home Appliances” organized by HKIOA, HKIE-MMNC Division and the Department of Mechanical Engineering of PolyU was held on the 2nd February, 2018.

Dr. Ian Y. W. Wong, Vice President – Strategic Business Development of Raymond Industrial Limited, shared a novel method to identify and reduce the noise associated with home appliances such as hair dryer, wall fan, air purifier, humidifier and dehumidifier, etc.

In this seminar, recent application of hybrid aeroacoustic simulation on the reduction of noise generated by fan installed in home appliances was presented. Study of fan noise using this method having a benefit of the easy differentiation noise propagation from flow generation which allows accurate prediction of noise level at various fan operation requirements. Such capability allows the feasibility of the difficult fan noise generation study conducts in an accurate virtual platform, and fan design optimization under contradictory requirements of low noise yet high volume flow rate of the product. As a new insight for home appliance industry, fan design for air purifier was described as an illustration of how to optimize it under difficult requirements.



Student Branch Activity Career Sharing Section 7 February, 2018

In the 7th February, 2018, a Career Sharing Section organized by the Student Branches (PolyU and IVE-Morrison Hill) was held at the Hong Kong Polytechnic University. A total of 90 students from Mechanical Engineering, Building Services Engineering and Civil Engineering joined the event.

The guest speakers from different sectors of the engineering, Mr. Henry Chan, Mr. C. L. Wong, Mr. Alson Pang, Mr. David Yeung and Mr. Wilson Ho, shared their stories and exposures in career, and the prospects of the industry. During the open discussion, students raised different inquiries and had a fruitful conversation with the speakers.

After the sharing, some of the students continued the discussion with the guests and completed the event with a satisfying face.



Certificate Course Presentation Ceremony cum Tea Gathering 10 March, 2018

To acknowledge the hard work of all the certificate course tutors and the members who completed the course, a presentation ceremony cum tea gathering has been organized by HKIOA on the 10th March, 2018 at a Chinese restaurant in the Hong Kong Polytechnic University. A total of 33 participants joined the ceremony.



The event started with a welcoming speech from the course organizer and the Chairlady of HKIOA, followed by the appreciation to the tutors. A very nice Chinese full course meal was served.



The certificate was presented to the candidates by the Chairlady. A warm blessing was given by the Professional Development and Education Sub-Committee to all the participants.

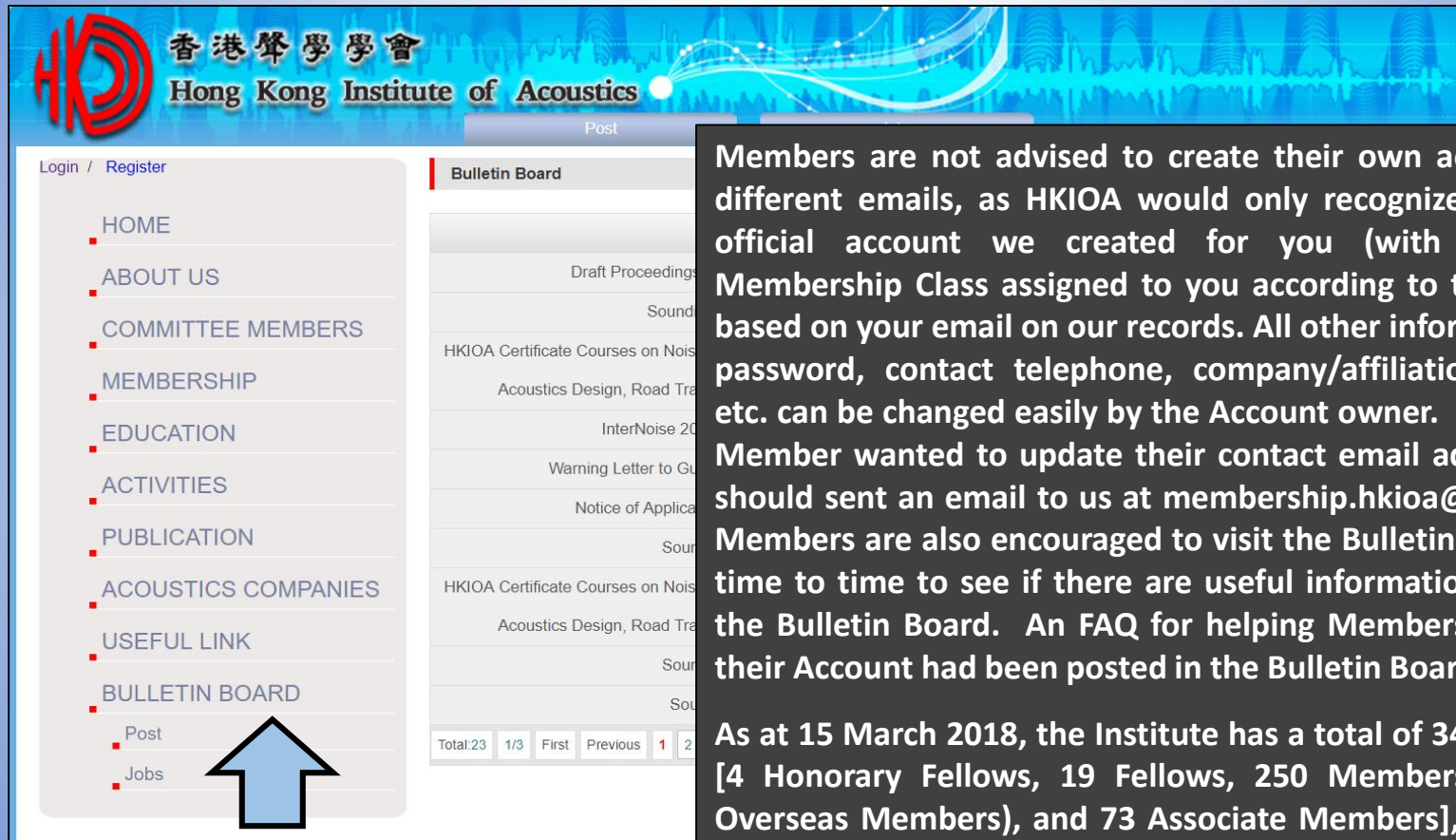


News Update

The screenshot shows the website header with the logo and name in Chinese and English. Below the header are two tabs: 'Activities' and 'Congress Info'. On the left is a vertical navigation menu with the following items: HOME, ABOUT US, COMMITTEE MEMBERS, MEMBERSHIP, EDUCATION, ACTIVITIES (highlighted with a blue arrow), Congress Info, PUBLICATION, ACOUSTICS COMPANIES, USEFUL LINK, and BULLETIN BOARD. The main content area is titled 'Activities' and contains a table with columns for 'Events', 'Date', and 'Detail'. The table lists several activities, including 'Notice of the 2018 An...', 'HKIE Semina...', 'HKIOA/HKIE-MMNC S...', 'HKIOA Seminar on Appli...', 'Applicat...', 'HKIOA is Supporting Dele...', 'HKIOA's Charit...', and 'HKIOA's Certificate Course...'. At the bottom of the table, there are pagination controls: 'Total:150', '1/15', 'First', and 'Pre'.

The Institute's website has continued to act as an effective platform for communications with our Members and dissemination of information on seminar, conference and talks on acoustics and related activities. While the "Latest News" column will list out the closest 3 upcoming activities, a click on the "Activities" Tab on the front page will give you a full list of past and upcoming activities. The newly added Membership Function had enabled Members to update personal information at their finger tips and made payments online like Annual Membership Fees. This year, some 90 Members (just slightly more than 25% of our active Members) had pay their Annual Subscription Fees online by credit cards. Some 50 Members also updated their personal information in their own Membership Accounts. As a dedicated personal Account had been created for each of our Members, all our Members are encouraged to reclaim their account and update their personal information accordingly.

News Update



The screenshot shows the website of the Hong Kong Institute of Acoustics (HKIOA). The header features the HKIOA logo and the text "香港聲學學會" and "Hong Kong Institute of Acoustics". Below the header is a navigation menu with the following items: HOME, ABOUT US, COMMITTEE MEMBERS, MEMBERSHIP, EDUCATION, ACTIVITIES, PUBLICATION, ACOUSTICS COMPANIES, USEFUL LINK, and BULLETIN BOARD. The BULLETIN BOARD item is highlighted with a blue arrow. Below the navigation menu is a "Post" button. The main content area is titled "Bulletin Board" and displays a list of posts. The posts include "Draft Proceedings", "Sound", "HKIOA Certificate Courses on Noise", "Acoustics Design, Road Traffic", "InterNoise 20", "Warning Letter to Government", "Notice of Application", "Sound", "HKIOA Certificate Courses on Noise", "Acoustics Design, Road Traffic", "Sound", and "Sound". At the bottom of the list, there is a pagination control showing "Total: 23", "1/3", "First", "Previous", "1", and "2".

Members are not advised to create their own account with different emails, as HKIOA would only recognize an unique official account we created for you (with designated Membership Class assigned to you according to the records) based on your email on our records. All other information, like password, contact telephone, company/affiliation, position etc. can be changed easily by the Account owner. In case, the Member wanted to update their contact email address, they should sent an email to us at membership.hkioa@gmail.com. Members are also encouraged to visit the Bulletin Board from time to time to see if there are useful information posted in the Bulletin Board. An FAQ for helping Members to reclaim their Account had been posted in the Bulletin Board.

As at 15 March 2018, the Institute has a total of 346 members [4 Honorary Fellows, 19 Fellows, 250 Members (including Overseas Members), and 73 Associate Members], comprising of architects, engineers, government officials, academia, student and professionals from various disciplines. The latest Membership list is also posted in the Bulletin Board.