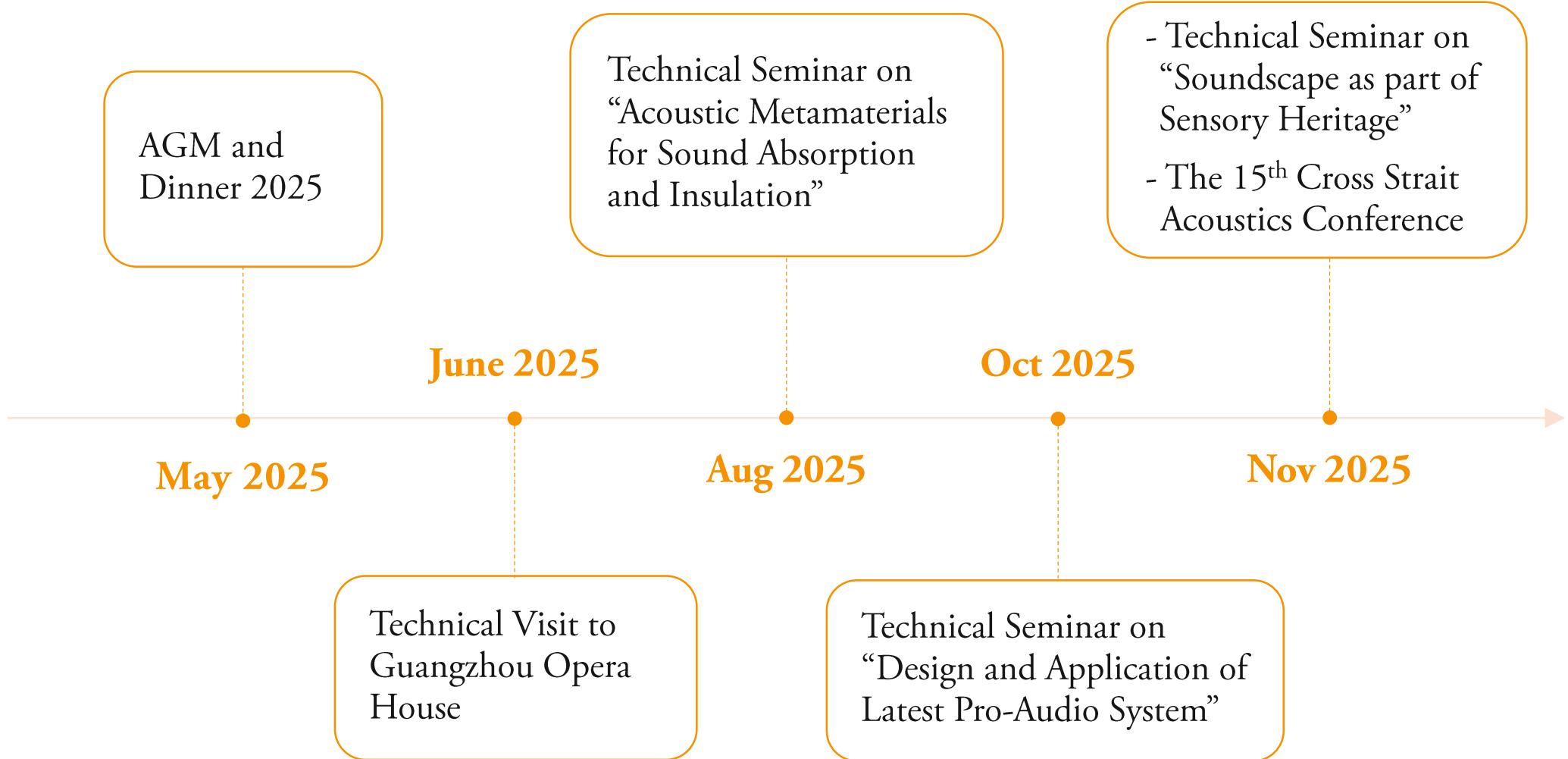




Sounding Board

January 2026 Issue

Reports on Recent Activities



Annual General Meeting and Dinner 2025



Reported by Cindy Cheung

The Annual General Meeting (AGM) of HKIOA was held on 16 May 2025 at Regal Hong Kong Hotel.

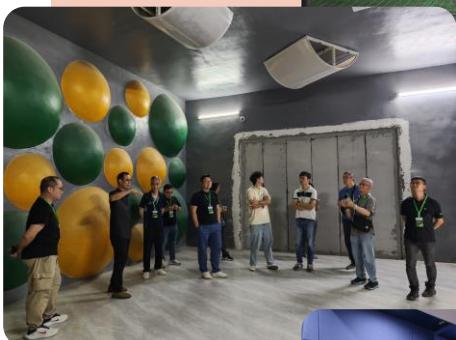
The Chairman Mr Henry Chan presented the Annual Report of 2024/2025 and described that the past year has been a great success. The Hon Treasurer Mr Chris Kwok reported the financial review for the past year that HKIOA remained in a healthy financial position.

As for the composition of the Executive Committee, Mr Edward Chan was newly elected, and Mr Franki Chiu, Mr Chris Kwok and Mr Aaron Lui were re-elected as Committee Members.

The AGM was followed by a dinner. This year, we were honoured to have two Past Chairmen of HKIOA, Ir KK Iu and Ir Maurice Yeung, to share with us interesting stories of the Institute back to the 1990s' and 2000s'. The dinner concluded around 10:30 pm after an enjoyable night of nice food, wine, and lively photo-taking among friends and colleagues. The event not only celebrated the Institute's success but also strengthened bonds within the HKIOA community.

Technical Visit to Guangzhou Opera House

Reported by Jackel Law



The two-day technical visit to Guangzhou on 13 & 14 June 2025 offered participants an immersive experience at the renowned Guangzhou Opera House (廣州大劇院), focusing on architectural innovation and advanced acoustic technologies.

The program began at the Futian Port, followed by a tour of Huaqiao Noise and Vibration Control (華僑聲學與振動控制) where attendees explored cutting-edge laboratory facilities and met leading suppliers in the field.

A guided tour of the Opera House highlighted its unique design and acoustic engineering, complemented by visits to popular cultural attractions such as the historical and cultural area Yongqing Fang (永慶坊).

Networking opportunities were integrated throughout, including complimentary lunches and dinners with industry professionals and experts.

On the second day, participants visited SoundBox (聲博士聲學技術) and RuiFeng Intelligent Technology (銳豐科技, specializing in sound systems), further deepening their understanding of the latest materials and solutions in acoustics.

The itinerary concluded with a cultural tour of Shawan Ancient Town (沙灣古鎮) before returning to Futian Port.

Technical Visit to Guangzhou Opera House (Cont'd)



Technical Visit to Guangzhou Opera House (Cont'd)



Technical Seminar on “Acoustic Metamaterials for Sound Absorption and Insulation”

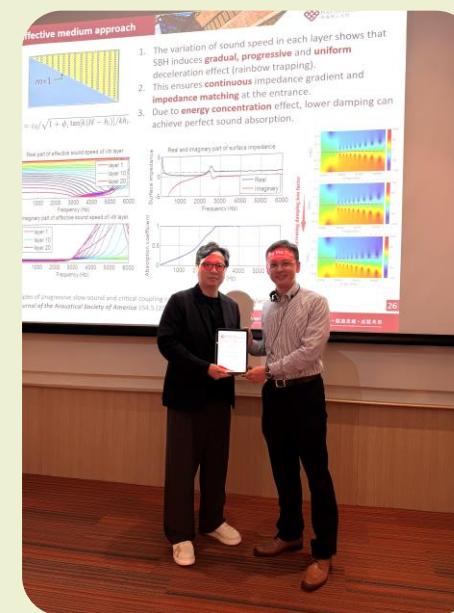
Reported by Edward Chan

A technical seminar on acoustic metamaterials was delivered by Dr. Yu Xiang at the Hong Kong Polytechnic University on 21 August 2025. The seminar was attended by nearly 70 HKIOA members.

Dr. Yu of the Department of Mechanical Engineering provided an introduction to the core principles of acoustic metamaterials - synthetic materials engineered to possess unique sound and vibration characteristics. Progress in this field is opening new possibilities for directing sound waves and managing noise.

The seminar featured two key areas of work: ventilated acoustic metamaterials and sonic black holes. Both technologies showed strong potential for high-performance sound absorption and insulation. The talk also covered their practical uses and future prospects in engineering contexts.

The HKIOA extends its gratitude to Dr. Yu for his insightful presentation and to all members who participated.



Technical Seminar on “Design and Application of Latest Pro-Audio System”

Reported by Him Tang



A technical seminar on “Design and Application of Latest Pro-Audio System” was held on 30 October 2025 at the Hong Kong Academy for Performing Arts (HKAPA).

The seminar was presented by Mr. Tse Kam Po, Senior Lecturer in Sound at HKAPA, who shared his professional experience in sound system design and optimisation. He discussed the fundamental design principles that should be carefully considered during sound system planning and demonstrated practical techniques for speaker alignment and system setup.

The event was attended by 16 HKIOA members, who found the session highly engaging and informative. Participants appreciated Mr. Tse's clear explanations and live demonstrations, which provided valuable insights into practical approaches for achieving effective sound system performance.

Technical Seminar on “Soundscape as part of Sensory Heritage”

Reported by Edward Chan



A seminar on "Soundscape as part of Sensory Heritage" was delivered by Prof. PerMagnus Lindborg at the City University of Hong Kong on 4 November 2025. The event attracted 40 participants from HKIOA members, CityU staff, and students. The seminar was held at the SoundLab, a physical laboratory space equipped with a loudspeaker array dedicated to high spatial resolution audio, which has been housed at CityU since early 2021.

Prof. PerMagnus, an Associate Professor at the School of Creative Media, CityU, and a composer and sound researcher, introduced an innovative multimodal research approach that treats sound and smell as essential elements of the immersive urban experience. He highlighted that while urban research often relies on visual and textual records, the acoustic and olfactory environments are frequently overlooked, risking the loss of valuable sensory heritage.

The seminar explored how documenting soundscapes can contribute to understanding cultural identity and community cohesion. The resulting database supports further studies in environmental psychology, multimodal perception, and sensory integration. To conclude the session, Prof. PerMagnus shared a piece of his sound art, allowing participants to enjoy the music and immersive surround sound experience facilitated by the SoundLab.

The HKIOA pays its gratitude to Prof. PerMagnus for his fruitful presentation and to all members who participated.

The 15th Cross Strait Acoustics Conference



Reported by Edward Chan

On 23 – 24 November 2025, the HKIOA joined forces with the organizer - Macau Instituto de Acústica and other institutes including the Shanghai Acoustical Society, the Taiwan Acoustical Association, the Society of Vibration and Acoustics Malaysia, the Shaanxi Province Acoustical Society, and the Taiwan Society of Sound and Vibration to co-organize The 15th Cross Strait Acoustics Conference in Penang, Malaysia.

The conference gathered approximately 60 acoustic experts and professionals from Mainland China, Taiwan, Hong Kong, Macau, and Malaysia, fostering a dynamic and diverse environment for knowledge sharing and collaboration.

We were honoured to feature five distinguished keynote speakers who shared valuable expertise and insights on recent advances and challenges in acoustics:

- Mr. Yongmin Song (Shanghai Zhangkuisheng Acoustical Engineering Consultant Co., Ltd.)
- Mr. Henry Chan (Chairman of HKIOA)
- Dr. Khairil Anas Md Rezali (Society of Vibration and Acoustics Malaysia)
- Professor Weihwa Chiang (Taiwan Acoustical Association)
- Mr. Chung-ho Yu (Taiwan Society of Sound and Vibration)

The 15th Cross Strait Acoustics Conference (Cont'd)

In addition to the keynote sessions, the conference included 13 technical presentations from various institutions, covering a wide range of topics such as acoustic modelling, environmental noise, noise and vibration control engineering, and AI applications in acoustics. These presentations offered attendees a broad view of current research trends and developments across multiple sub-disciplines.

Held over two days, the conference provided ample opportunity for in-depth discussion, professional networking, and exploring future collaborative projects. Attendees also enjoyed a cultural and architectural site visit to the Pinang Peranakan Mansion and Armenian Street in Penang.

Overall, The 15th Cross Strait Acoustics Conference successfully brought together a diverse community of acoustics professionals and researchers, creating a collaborative platform for exchanging ideas and knowledge. The event enabled participants to stay current with the latest field developments, strengthen professional connections, and contribute to the continued advancement of acoustics.

We extend our sincere thanks to all members, partners, and participants who made this event a success.



The 15th Cross Strait Acoustics Conference (Cont'd)



Announcement: The 16th Cross Strait Acoustics Conference (CSAC 2026)



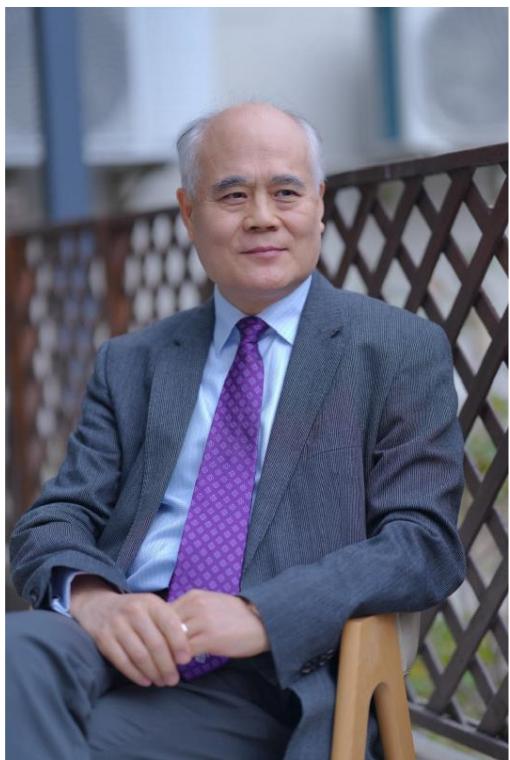
Reported by Edward Chan

The Hong Kong Institute of Acoustics is pleased to announce that we will be the lead organizer for The 16th Cross Strait Acoustics Conference (CSAC 2026). The conference is scheduled to be held in Bangkok, Thailand, in November 2026.

Building on the resounding success of The 15th Cross Strait Acoustics Conference in Penang, which fostered rich dialogue among acoustics communities across the region, CSAC 2026 aims to further strengthen these vital professional and academic bonds. HKIOA is currently in active discussions to collaborate on this event with acoustical societies from Mainland China, Taiwan, Thailand, Singapore, and Malaysia, ensuring a truly diverse and pan-Asian perspective. The event is planned to feature one day of conference sessions and one day dedicated to technical visits.

Stay with HKIOA news channels for further updates for the CSAC 2026.

Congratulations to Prof. Cheng Li, New President of I-INCE !



The Hong Kong Institute of Acoustics (HKIOA) is delighted to extend our hearty congratulations to one of our esteemed Corporate Fellows, Prof. Cheng Li, Chair Professor of Mechanical Engineering at The Hong Kong Polytechnic University, on his appointment as the President of the International Institute of Noise Control Engineering (I-INCE), effective 1 January 2026.

As the 9th president in I-INCE's 52-year history, Prof. Cheng will bring decades of pioneering research and international leadership to steer the institute's global initiatives in noise control, acoustics, and vibration engineering during his three-year term.

Prof. Cheng's illustrious career includes serving as the Director of the Consortium for Sound and Vibration Control at The Hong Kong Polytechnic University, where his groundbreaking research is recognized globally. He has also been a dedicated member of I-INCE, serving as Vice President for Asia-Pacific and a board member, gaining invaluable insight into the institute's operations.

Prof. Cheng is a Fellow of numerous prestigious academic organizations, including the International Institute of Acoustics and Vibration, the Acoustical Society of America, and the Chinese Society of Acoustics. He is also an Academician of the Royal Society of Canada (Academy of Science) and a Fellow of the Canadian Academy of Engineering.

We wish Prof. Cheng all the best in his new role as President of I-INCE and look forward to seeing him lead the organization to new heights!