



# **Sounding Board**

**2021 Issue**



# HKIOA Technical Webinar on "A Review of 4 Decades of Architectural Acoustics Research, Development and Application"

HKIOA Continue to educate during pandemic via ZOOM

HKIOA had the pleasure of having Dr. Peter D'Antonio as the speaker at the technical webinar held on 29 October 2020.

Dr. D'Antonio shared his 40+ years research experience on topics of "Evolution of the Reflection Phase Grating from the QRD" and "The Current Modulated Optimized Diffusor (Modffusor) and Waveform Curvilinear Diffusors".

The Event was well received and strongly participated by over 60 HKIOA members.

HKIOA would like to thank Dr. Peter D'Antonio for his contribution and support.

**Technical Webinar on  
A Review of 4 Decades of Architectural Acoustics Research,  
Development and Application**

Webinar Detail :

Date: 29 Oct 2020, Thursday  
(7:00 pm – 8:00 pm)

Medium : English

CPD: 1 CPD hour

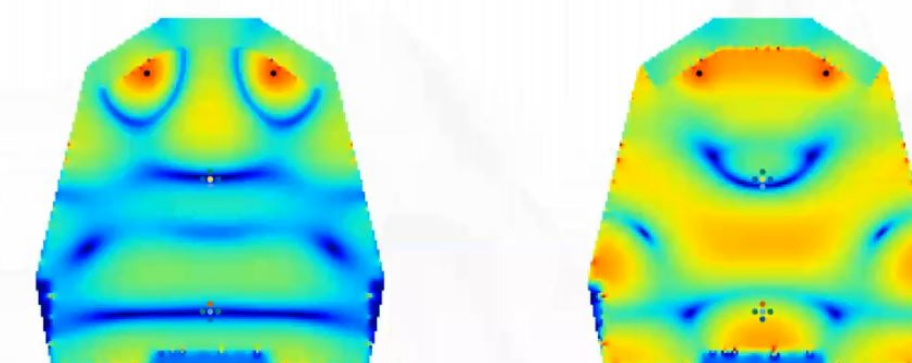
Webinar Platform: ZOOM

Fee: HKIOA Free of Charge

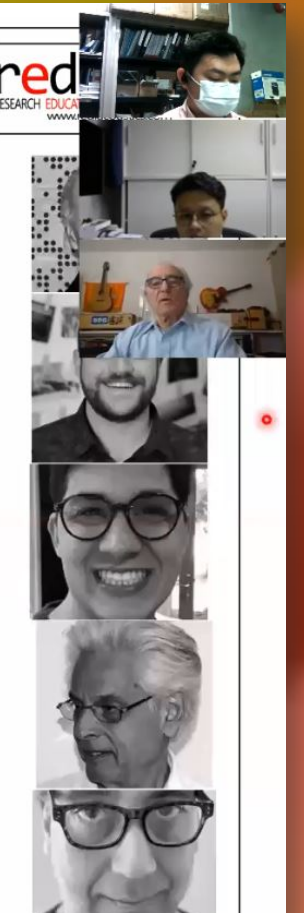
Enquiry: [admin@hkioa.org](mailto:admin@hkioa.org)



**Introducing NIRO  
The Non-Cuboid Iterative Room Optimizer**



by  
Dr. Peter D'Antonio  
Rinaldi Petrolli

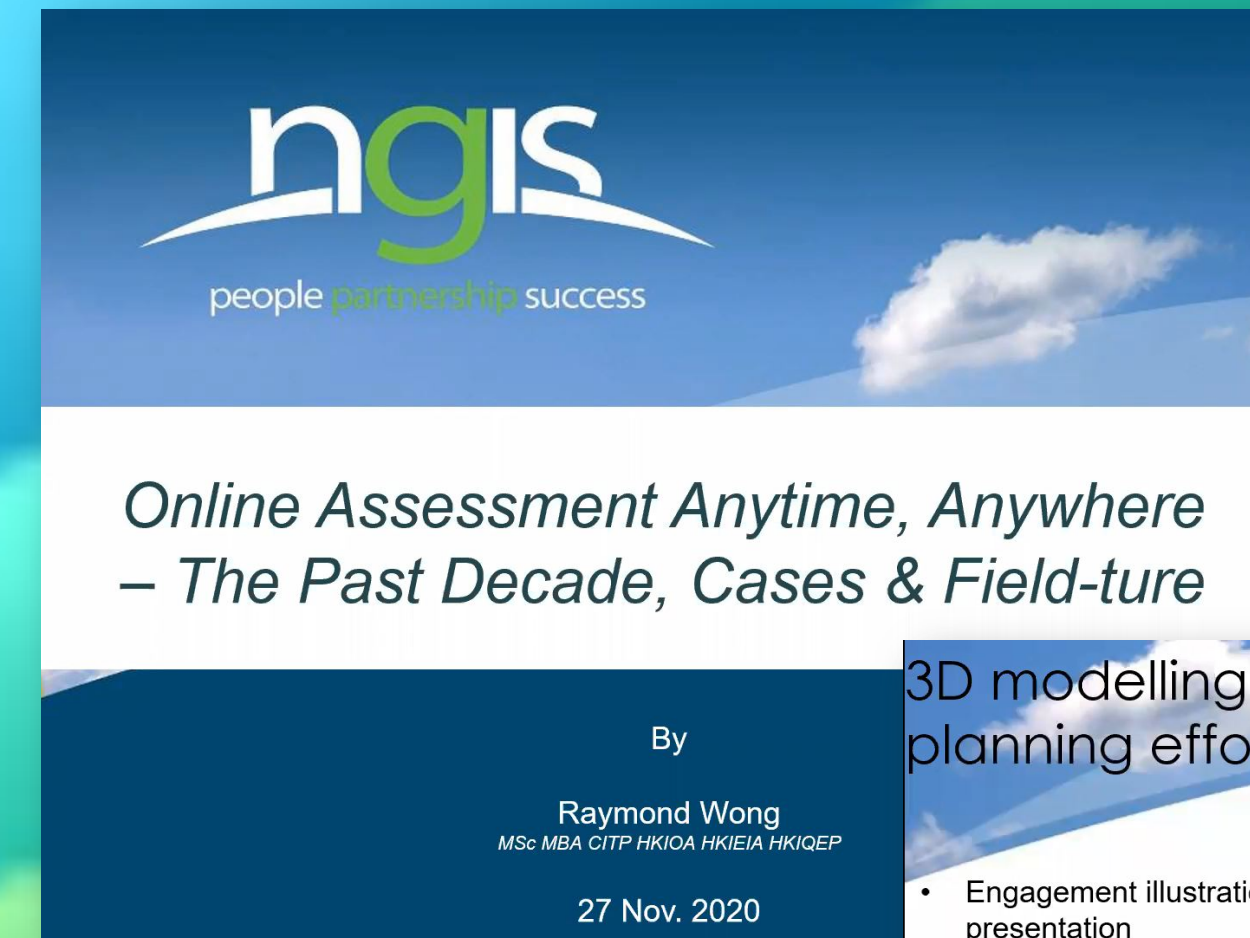




# HKIOA Technical Webinar on "Online Environmental Assessment"

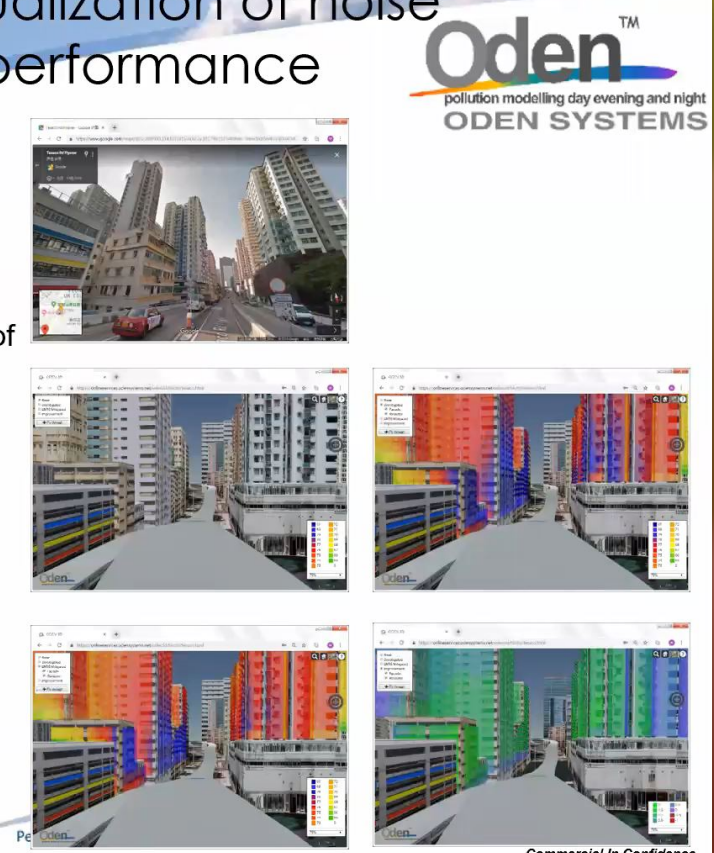
On 27 November 2020 (Friday), HKIOA Environmental Noise Subcommittee organised a technical webinar on "Online Environmental Assessment – titled the Past Decade, Cases and its Field-ture" via Zoom.

Mr. Raymond Wong illustrated how online modelling, assessment and result evaluation was applied in some complicated local cases. Some potential field applications were also discussed in the webinar. The webinar was well received by over 50 participants.



3D modelling & visualization of noise  
planning efforts & performance

- Engagement illustration and presentation
- Review / appraise performance of noise mitigation measure e.g. LNRS





# Student Competition of the International Year of Sound 2020

## HKIOA Goes Global

### Promote Youth Awareness of Sound

HKIOA Partnered with “The International Commission for Acoustics” as one of the organizers of the international competition “My World of Sounds”.

The competition is divided into primary school section and secondary school section. The tasks are to create an A4 size artwork (for primary school section) and a stanza of 4 lines in mother tongue or English. Theme of creation to be based on theme song or theme motto.

Results for HK winners and international winners will be announced on 15 September 2021.

Students / schools are welcomed to join the competition on or before the deadline of 30 April 2021.



The International Commission for Acoustics



香港聲學學會  
Hong Kong Institute of Acoustics

香港聲學學會誠邀 貴校參加由 International Commission for Acoustics 及本會舉辦的國際學生比賽「My World of sounds」。

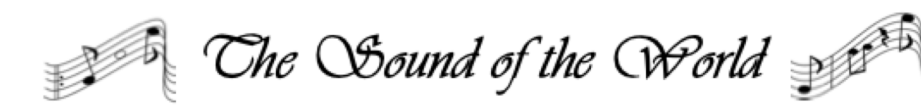
The Hong Kong Institute of Acoustics cordially invites your school to participate in the International Competition “My World of sounds” organized by The International Commission for Acoustics and Hong Kong Institute of Acoustics



### 比賽主題及組別 Competition Theme & Categories

比賽共分為小學生組及中學生組，參賽者只須按照大會歌曲或格言自由創作作品。  
The competition is divided into Primary and Secondary School Sections. Participants are only required to create a piece of works based on the Theme Song or the Theme Motto.

大會歌曲  
Theme Song



大會格言  
Theme Motto

“Importance of Sound for Society & the World”

Theme Song



### 小學生組 Primary Section

創作一幅A4尺寸的藝術品  
(手工繪圖/圖片/拼布/拼貼或類似)  
Create an A4 size artwork (hand-made drawings, pictures, patchwork, collages or similar)

### 中學生組 Secondary Section

根據大會主題曲及其副歌歌詞，以母語或英語創作1節(共4句)的歌詞  
Write one stanza of 4 (lines) verses in mother tongue or English, based on the Theme Song and its refrain.

### 獎項及獎品 Prizes and Awards

香港 Hong Kong	冠軍 (1名) Champion (1 Entry)	獎狀及獎金 Certificate and a cash prize (HK\$ 2,000)
	亞軍 (1名) 1st runner-up (1 Entry)	獎狀及獎金 Certificate and a cash prize (HK\$ 1,000) A of HK\$ 1,000
	季軍 (1名) 2nd runner-up (1 Entry)	獎狀及獎金 Certificate and a cash prize (HK\$ 500)
	優異獎 (5名) Merit (5 Entries)	獎狀及獎金 Certificate and a cash prize (HK\$ 300)
	最積極參與學校獎 (1間) Most Active School Award (1 Entry)	獎座 Trophy
國際 Inter- national	冠軍 (1名) Champion (1 Entry)	教材禮品券 Vouchers for educational materials (Euro € 300)
	亞軍 (1名) 1st runner-up (1 Entry)	教材禮品券 Vouchers for educational materials (Euro € 200)
	季軍 (1名) 2nd runner-up (1 Entry)	教材禮品券 Vouchers for educational materials (Euro € 100)



# HKIQEP Qualification Process 2020-21

## HKIOA Pathway Leading to HKIQEP Professional Membership

HKIOA strongly encourages its members to continuous professional developments.

HKIOA being an institutional partner of HKIQEP highly recommends corporate HKIOA members to attain HKIQEP Professional Membership via the following pathway (requirements)

- Corporate Member of HKIOA
- Pass HKIQEP Professional Assessment Part I (Test)
- Pass HKIQEP Professional Assessment Part II (Interview)
- Submit application for HKIQEP Professional Membership

N.B. For details of HKIQEP Professional Assessments and Applications, please visit <http://hkiqep.org> .





## In Remembrance of Dr. John Andrew Shillinglaw 1942 – 26<sup>th</sup> Oct 2020

Farewell to a Pioneer Promoting Acoustics in Hong Kong

Dr. John Andrew Shillinglaw passed away on 26<sup>th</sup> October 2020.

Thanks to Dr. Shillinglaw's dedicated transfer of knowledge to students at the HKPOLYU and HKU . Also sharing of his knowledge and practical experience via his acoustic consultancy with the construction industry.

Dr. John Andrew Shillinglaw will be missed and remembered for helping to set the foundation for awareness of acoustics and his contribution towards the grooming the field of acoustic works in Hong Kong.





# 章奎生教授訃告

## Obituary for Prof. Kuisheng Zhang in Shanghai



我們敬愛的章奎生教授於2021年3月21日6:30逝世，享年83歲。章教授是一位具有五十多年豐富建築聲學專業設計及科研經驗的知名專家，數十年來章教授全心致力於建築聲學專業領域的工程設計與科研工作，參與並完成了大量重大工程設計項目及科研工作，參與編著了多本設計手冊，發表了近百篇專業論文，取得了豐碩的成果。

章教授是香港聲學學會資深會員、國內著名的建聲專家。由我會1994年創會開始一直是我們與上海聲學學會交流的主要負責人。

章教授的離去，不論對香港聲學學會，還是整個聲學界別來說，都是巨大的損失。自2012年起有幸參與和舉辦章教授倡議聯絡下，經滬港台三地聲學會的共同商議開展學術交流研討會，及其他不同交流活動，令我獲益良多。

永遠懷念！

香港聲學學會會長  
馮百如