



香港聲學學會 Hong Kong Institute of Acoustics

Technical Webinar

Application of Software Technique in Building Acoustic Simulation

Introduction

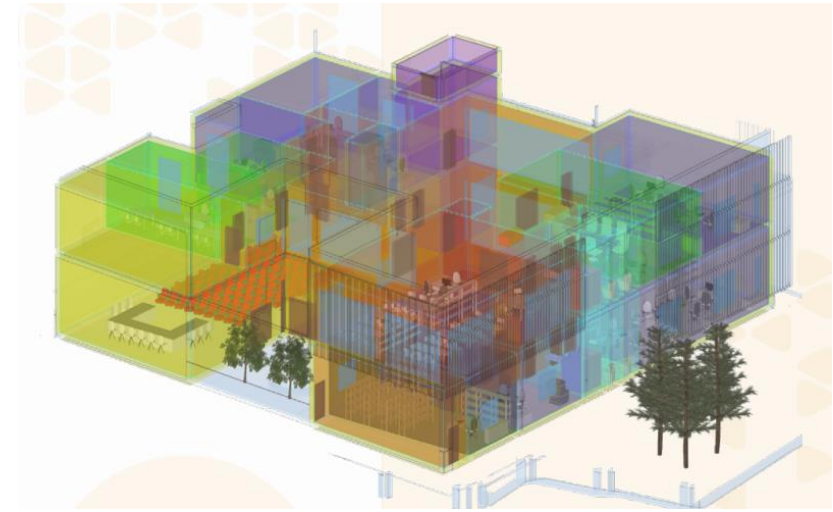
AcouBAT by CYPE is a tool developed by CYPE and the CSTB (Centre Scientifique et Technique du Bâtiment) with the aim to help users study the sound insulation and absorption of buildings. It calculates the indices that evaluate the insulation of airborne sound (indoor and outdoor), impact sound insulation and the reverberation level in indoor spaces, in accordance with the procedure contained in the EN ISO 12354:2017 code. The Software can evaluate each type of isolation including:

- Outdoor airborne noise and noise coming adjacent building
- Reverberation time and acoustic absorption inside
- Evaluate the building's equipment noise, verifies sound pressure level to different areas
- Calculate the level of indoor airborne noise insulation and impact sound between adjacent units

Speaker:

Mr. Victor Diez

Victor Díez is Technical Manager in the development division at CYPE Software. Since 2015, he has been involved in the design and analysis of applications for engineering, architecture and construction. Within the company, Victor is also in charge of the acoustics department where he has led the development of software solutions geared towards improving building insulation and conditioning, noise control and verification of building codes and standards. In recent years, he has been instrumental in aligning architectural acoustics tools with the collaborative framework of Building Information Modeling (BIM), adapting to industry trends and enhancing workflow efficiency.



Webinar Detail

Date: October 17, 2023, (7:00 - 8:15pm, HK Time)

Medium: English

CPD: 1 Hr

Platform: Zoom

Fee: Free of Charge

Target Audience: Open to all interested parties, including non-HKIOA Members

Enquiry: admin@hkioa.org

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