

Technical Seminar on

“Innovative Vibration Isolation Design for Building Elements in Europe and US”

Mr. Patrick Carels - Executive Chairman of the CDM Group 

16/10/2019 (Wed) | 19:00 – 20:30 (1 CPD hour)

Room AG206, The Hong Kong Polytechnic University



Introduction

Quiet Building is becoming more emphasized in modern building design and building re-development. This seminar will focus on the technology combining **acoustic decoupling specifications** with **structural stability requirements**, the different set-ups and the theory behind the practice. The technology is being applied in various new Quiet Buildings where 2 dissonant civil construction expert specialties with conflicting requirements (i) structural stability (transfer of loads & moments), and (ii) vibro-acoustic decoupling, are required to operate in unison.

Applications include:

- Elevator guiding rails, in-shaft elevator engines
- Roof-top window cleaning support systems
- Helipads
- Sliding doors
- Thermal and acoustic decoupling along building envelope - Façades, Curtain walls, Roofs, etc.
- Flanking prevention in structural nodes in steel and timber frame construction & prefabricated modular structure

Registration



HKIOA members: Free of charge

Non-members: Registration fee of HK\$100 will be collected at the entrance.

Please register online via: <http://www.wal.hk/hkioa/buildingisolation>

CPD Certificate in electronic format will be provided via email after the seminar.

For enquiries, please contact Wilson Ho at (+852) 3188 1170 / who@wal.hk .