

Odeon Webinar

Offices – Ordinary spaces

For any ODEON edition - 2 sessions (2 hours each)

First day

1st hour

- Latest updates for importing models from SketchUp and other CAD programs.
- Tour in ODEON tools, with emphasis on latest updates.
Setting up sources-receivers, assigning materials, performing calculations (global estimate, job list).
- Viewing results (multi-point responses, grids etc).
- Discussing quality of results.

2nd hour

- Calculation Principles – Early and late reflections (PowerPoint presentation).
- ODEON handling of scattering coefficient (PowerPoint presentation).
- Scattering settings in a model.

Second day

1st hour

- Airborne Sound Transmission OR Auralisations (depending on what is more relevant).
- Room Acoustic Measurements (how to use a mic and an Omni-source for real-life measurements and how to import them in ODEON to compare with simulations).

2nd hour

- Open-plan offices (simulations-measurements), according to ISO3382-3.
- Loudspeaker installations (Sound reinforcement – church example, PA system – train station).
- If time allows, other application cases (eg. Use of *surface sources for modelling noise, detecting flutter echoes*).