Online training **Basic Level**

Duration: 2 Days, from 09:00 to 12:30 (including pause of 30 min)




The hands-on basic training imparts basic knowledge about how **CadnaR** is structured and handled. Calculation procedures are discussed in detail and practiced using project examples. An overview is given of the basic handling, creation and organization of room acoustic models as well as presentation and visualization of results.

The training has been designed in such a way that participants will practice every topic by means of simple **CadnaR** files.

Essential information

Target user group	Training methodology	Training materials
CadnaR users with less than **6 months of experience** who want to get the basic knowledge on modelling and calculation tasks with the software.	1. Short introduction to the topic 2. Practice step-by-step 3. Explanation by the trainer 4. Summary and Short Q&A	☑ CadnaR License on the latest version ☑ CadnaR Training book (pdf format) ☑ CadnaR Files ☑ Training Certificate (pdf format)

Contents*

Basic handling of CadnaR	CadnaR Interface Project room Working in 2D and 3D views
CadnaR modelling	Inserting and editing objects Modelling sources and assignment of Sound Power Levels Modelling rooms: explanation of all obstacle objects
Basics of sound calculation	Calculation methods: particle method and mirror image method Calculation settings and assessment of the quality of results Implementation of absorption, scattering and transmission
Calculation results	Results at receiver points, receiver chains, grid, voxel grid, vertical and 3D-grids Sound pressure levels, noise dose, partial levels reverberation times and STI.
Project organization	The ObjectTree (grouping objects) Groups and variants for easy comparison of different scenarios
Import	Import of Bitmap files as layout plans Import of CAD files Import of SketchUp files and material data from ODBC Import of CadnaR files Import of CadnaR.scan App files
Presentation of results	Coloring of grids for different calculation results Plot-Designer Export formats: reports in MS Excel and MS Word

* The contents of the training as well as the duration of each topic may be different depending on specific requests or interests of the attendees