

3-Day EASE Seminar

Date: 6th, 7th and 8th of October 2010

Location: AFMG Technologies GmbH, Berlin, Germany

Language: English

Day 1

- Introduction and overview
- Concept of and need for acoustical simulation
- Program modules and general settings in EASE
- Construction of a room model in EASE, closing the model, checking holes
- Determining the properties of the wall materials, resulting statistical reverberation time
- Adding loudspeakers, audience areas and listener seats to the model
- Looking at the rendered model and first calculations in Standard Mapping

Day 2

- Advanced functions for a faster and more efficient work in Edit Room
- (How to work with Objects, Tables and Optimize Room RT)
- Import / export functions (DXF, ASCII)
- Speaker Database / Wall Material Database
- Details / background of Standard Mapping (maximum levels, speech intelligibility)
- Auralisation of direct sound from Standard Mapping
- Line array simulation in EASE based on DLLs
- Using Raytracing (cases of use, calculation settings, analysis)

Day 3

- Ray Tracing Fundamentals
- Use of Raytracing Impacts (cases of use, calculation settings, analysis in Probe)
- Using AURA Mapping / AURA Response (cases of use, scattering coefficients, calculation settings, analysis and comparison of results).
- Auralisation of AURA Response and Raytracing Impact files, special acoustical cases
- Accuracy-calculation-time trade off for different calculation methods
- Exporting results from EASE to measurement programs (EASERA) for direct comparison of measurement and simulation
- Presentation utilizing Vision

Who is concerned?

- Beginners who work with EASE Junior: Covers all functions available in EASE Junior.
- Advanced users who already know how to build a model in EASE: Working fast and efficient with EASE, covering advanced simulation and auralisation.

Registration

- Participation fee (3 days): 700,- € (excl. VAT)
- Registration deadline: September 22nd
- Confirmation by: September 24th
- Minimum number of participants: 8

- Contact for registration: Phone: +49 30 467092-0
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