EASE Online Live Training

Sep 2022

A. Modules

To improve flexibility, we have organized the upcoming online EASE training in a series of modules that can be configured in different ways to cover the topics needed by the attendee. See a description of each module below.

▪ Introduction to EASE (PR001) - $200

This module covers an introduction to the software for new users, as well as an introduction to the class for those with experience. At the end of the class the participant will be able to create EASE models from Prototypes, combine several projects, and use advanced editing techniques, such as Objects.

Required for all participants

▪ Building rooms in EASE - $400

a. Basic (EG101)

This module is for EASE beginners, or those needing a refresher in room building. At the end of the class the participant will be able to create rooms using 3D Shapes, editing Prototypes, or from scratch.

Prerequisite: PR001

b. Advanced (EG201)

This module continues with more advanced room building. At the end of the class the participant will be able to build rooms from DXF/SKP import and modify complex rooms.

▪ Design and simulation of sound systems using EASE - $400

a. Basic (SS101)

This module explores the uses of EASE for simulation of sound systems. At the end of the class the participant will be able to add sound sources similar to those used in sound system measurements, will know how to use the different file formats and loudspeaker types, and design sound systems assisted by EASE, obtaining simulation results such as SPL and STI maps.

Prerequisite: PR001 and EG201[1]

b. Advanced (SS201)

This module continues with more advanced sound system simulation. At the end of the class the participant will be able to design a complex sound system using EASE, obtain mapping results with the AURA module, and create direct sound auralizations.

▪ Advanced analysis of sound system responses in EASE (SS301) - $100

This module explores Precedence for the optimization of sound systems, and the analysis of reflectograms.

Prerequisite: SS201

---

[1] If you have attended one of our EASE classes before or have extensive model building experience, contact us to discuss waiving the prerequisites.

- Design and simulation for room acoustics using EASE - $800
  - a. Basic (RA101)

This module explores the uses of EASE for room acoustic simulation and analysis. At the end of the class the participant will be able to add sound sources similar to those used in acoustical measurements, add absorptive materials to rooms, optimize RT, add scattering coefficients, and obtain results for basic room acoustics parameters in Mapping and Probe.

Prerequisite: PR001 and EG201[2]

  - b. Advanced (RA201)

This module continues with more advanced simulation for room acoustics. At the end of the class the participant will be able to run Ray Tracing for reflection pattern analysis, and obtain Mapping results for advanced room acoustics parameters, as well as impulse responses for analysis and auralization.
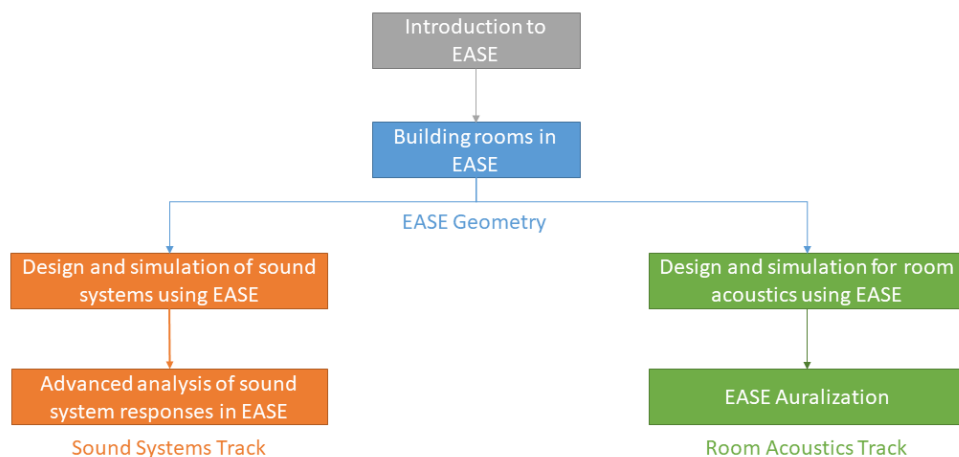
- EASE Auralization (RA301) - $200

This module explores Auralization in depth. At the end of the class the participant will be able to create auralizations using EASE and AURA, including binaural files, stereo and B-format files, as well as batch processing.

Prerequisite: RA201

Schedule

Time	Mon 12	Tue 13	Wed 14	Thu 15	Fri 16	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23
SEPTEMBER										
10:30 AM - 12:00 PM	PR001 - 1		EG101 - 1		EG201 - 1	SS101 - 1		SS201 - 1		SS301
12:00 PM - 12:30 PM										
2:00 PM - 4:00 PM	PR001 - 2		EG101 - 2		EG201 - 2	SS101 - 2		SS201 - 2		

Time	Mon 26	Tue 27	Wed 28	Thu 29	Fri 30
10:30 AM - 12:00 PM	RA101 - 1		RA101 - 3	RA201 - 2	RA301 - 1
12:00 PM - 12:30 PM					
2:00 PM - 4:00 PM	RA101 - 2		RA201 - 1	RA201 - 3	RA301 - 2

All times listed are CDT.

B. Class Packages

Below are some class configurations that can be chosen depending on the participant's needs.

Pkg	Modules	Cost
	COMBINED SOUND SYSTEMS AND ROOM ACOUSTICS TRACK	
A	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation of sound systems using EASE – Basic (SS101) Design and simulation of sound systems using EASE – Advanced (SS201) Advanced analysis of sound system responses in EASE (SS301) Design and simulation for room acoustics using EASE – Basic (RA101) Design and simulation for room acoustics using EASE – Advanced (RA201) EASE Auralization (RA301)	$2 100
B	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation of sound systems using EASE – Basic (SS101) Design and simulation of sound systems using EASE – Advanced (SS201) Design and simulation for room acoustics using EASE – Basic (RA101) Design and simulation for room acoustics using EASE – Advanced (RA201)	$1 800
	SOUND SYSTEMS TRACK	
C	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation of sound systems using EASE – Basic (SS101) Design and simulation of sound systems using EASE – Advanced (SS201) Advanced analysis of sound system responses in EASE (SS301)	$1 100
D	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation of sound systems using EASE – Basic (SS101) Design and simulation of sound systems using EASE – Advanced (SS201)	$1 000
	Modules	Cost
	ROOM ACOUSTICS TRACK	
E	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation for room acoustics using EASE – Basic (RA101) Design and simulation for room acoustics using EASE – Advanced (RA201) EASE Auralization (RA301)	$1 600
F	Introduction to EASE (PR001) Building rooms in EASE – Basic (EG101) Building rooms in EASE – Advanced (EG201) Design and simulation for room acoustics using EASE – Basic (RA101) Design and simulation for room acoustics using EASE – Advanced (RA201)	$1 400

There may be other options not listed above; check prerequisites in the previous section to make sure your custom package is possible.

C. Class Methodology

The EASE Online Training will be taught using the Zoom platform. It is recommended that participants have an additional monitor connected to their computer, so they can follow what the instructor is doing on the screen. You also will want to have a mouse with a scroll wheel to allow moving around the model easy and access the context menus. The classes are highly interactive and include some presentations and theory on general knowledge and software features.

Documents with exercises and instructions will be provided before the class so that participants can start becoming familiar with the software.

All classes will have 2 instructors so questions can be answered, and issues resolved as they arise and so that participants do not lose track of the exercises. A certificate of completion from AFMG will be provided at the end of the class.

An evaluation software license, including all modules will be provided so participants can explore the software fully, even if they own a simpler version, or don't own the software yet.

D. Discounts

- Purchases of more than $1000, including large packages or companies registering more than one person at the same time get a 10% discount.
- A discount of 10% is offered on purchased software during the 30 days following the class.
- Discounts do not accumulate.

E. Contact

Email: seminars-na@afmg.eu

Phone: +1 855 411 2364