



SOUND DESIGN WITH REAKTOR 5

Develop your own structures for musical composition and sound design

Presentation:

- Reaktor is a comprehensive sound design environment used to generate an unlimited set of sound generators and treatment tools used for production, musical interpretation and sound design.
- Participants will gain basic knowledge in signal treatment and sound synthesis and a working understanding of Reaktor 5, its library instruments and modules.
- After the workshop, participants will be able to work on their own projects.
- The workshop combines theoretical presentations with "hands-on" practical exercises.

Participants:

- Musicians, composers, arrangers, sound designers, DJ and sound engineers.
- Prerequisite : basic knowledge in computer music. Basic English.

Faculty:

- The workshop is directed by a senior Faculty member with a specialization in Reaktor.

Equipment:

- APPLE Macintosh (one station per attendant), Keyboards, MIDI controllers, Video projector

Fee: 1050€ inclusive of taxes

Participants cater for their own travel and lodging.

On completion of the workshop, participants will be provided with a certificate of attendance.

Contact:

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Dates and location:

September, 7th to 11th at the school
Monday to Friday from 9.30 to 18.00

Syllabus:

Day 1

AM:

Audio digital, MIDI protocol
Tools and software's main functions

PM:

Reaktors library

Day 2

AM:

Additive Synthesis. Subtractive Synthesis
Practice

PM:

Synthesis by modulation (frequency, amplitude)
Synthesis by wave shaping
Practice

Day 3

AM:

Synthesis with physic model
Practice

PM:

Sequence generating: step sequencer and
event table
Practice

Day 4

AM:

Sampling and re-synthesis. Granular Synthesis
Sample decomposition in slices
Random Process
Practice

PM:

Core cell level programming
Practice

Day 5

AM:

Sound treatment: delay lines, transposition,
reverberation
Practice

PM:

Gestural control. Interfaces and instrumental
execution. Sets modes implementation
Conclusion

Evaluation – Wrap up