

Empowering Acoustic Simulation through Learning

FFT offers a variety of tailored training packages that will help you to **build and improve your skills in acoustic modeling**. Whether you want to get started with **Actran** or you need to reach a higher level of expertise, we have a **dedicated training solution** for you.

Goals

Discover Actran

General courses
Focus on specific applications

Increase your modeling skills

Refresher course
Advanced courses

Improve your simulation process and performance

Tech Clinic (on-site)

Overview

General courses: 2 ~ 3 days

- Acoustics simulation
- Vibro-acoustics simulation
- Aero-acoustics simulation

Focus on specific applications: 2 ~ 4 days

Samples:

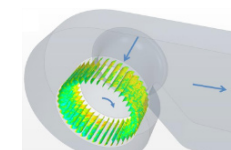
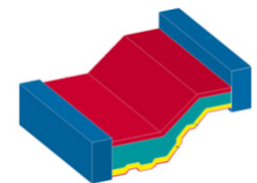
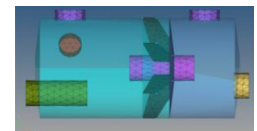
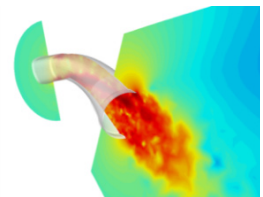
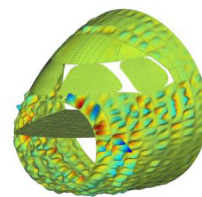
- Exhaust line and silencer modeling
- Panel modeling and sound transmission loss through structure
- Acoustic loading on structure in aerospace
- Vehicle cabin noise and sound package modeling
- Acoustic radiation from vibrating multi-body system (Actran and Adams integration) : engine, gear, gearbox
- Turbomachinery noise

Refresher course:

- Learn the new modeling capabilities available in the last Actran release

Advanced courses: 1 ~ 4 days

- Advanced acoustic radiation: meshing optimization, automation, scripting
- Advanced vibro-acoustic simulation: synergy with Nastran, hybrid solver
- Advanced aero-acoustics: fan noise, high speed flow, aero-vibro-acoustics
- High Performance Computing
- Nastran PEM (Poro-Elastic Material in MSC Nastran)



Locations

OFF-SITE

In Belgium: Mont-Saint-Guibert (close to Brussels)

In France: Les Ulis (close to Paris), Toulouse

In Germany: Munich

In Italy: Turin

ON-SITE

At your own premises

Contact

contact@fft.be
+32 10 48 79 58

Actran™

FREE FIELD TECHNOLOGIES (HQ)
a division of MSC Software Belgium SA
Rue Emile Francqui 9
1435 Mont-Saint-Guibert Belgium
T +32 10 45 12 26 www.fft.be

FFT
MSC Software Company