

TRAINING SERIES

JULY – DECEMBER 2019

GENERAL

COMSOL Multiphysics Intensive Training (2 Days)

September 9–10 | October 7–8 | November 18–19 | December 9–10

An intensive introduction to the workflow and key features of COMSOL Multiphysics via a combination of guided hands-on examples, lecture, and tutorials. **This course is a recommended prerequisite for all specialized courses.**

Modeling & Solver Best Practices

November 12

Learn best practices for modeling and solvers in COMSOL Multiphysics. We will discuss strategies for identifying methods to achieve convergence, ways to reduce memory usage and computing time, and typical issues for a variety of physics.

Moving Mesh

October 28

Learn how to treat deforming and moving geometries and meshes in COMSOL Multiphysics® using the `_Moving Mesh_` interface and the ALE method. This powerful simulation tool enables you to include the effects of a changing geometry in all kinds of multiphysics models.

FLUID AND HEAT

Computational Fluid Dynamics (CFD)

September 23

Learn how to simulate fluid flow with COMSOL Multiphysics and the CFD Module. Topics include single-phase flow (laminar and turbulent), multiphysics flow, and multiphase flow.

Heat Transfer

December 2

Learn how to simulate heat transfer with COMSOL Multiphysics and the Heat Transfer Module. Topics include conduction, convection, radiation, and phase change.

STRUCTURAL & ACOUSTICS

Structural Mechanics Modeling

October 1

Learn how to perform structural analyses with COMSOL Multiphysics, the Structural Mechanics Module, and the Nonlinear Structural Materials Module. Topics include structural analysis of linear and nonlinear materials, vibrations, and contact mechanics.

Advance your modeling skills by attending a COMSOL training course. Learn to efficiently set up multiphysics models and build apps through a combination of hands-on activities and lectures carried out by our team of experienced instructors.

PRICING

Courses are full day events held in Zoetermeer. All training material and lunches are included.

1 Day course: €675

2 Day course: €1350

Academic discounts and on-site training opportunities are available. Contact us for details.

CONTACT INFORMATION

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