

TRAINING SERIES

JANUARY – DECEMBER 2019

GENERAL

COMSOL Multiphysics Intensive Training (2 Days)

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.**

ELECTROMAGNETICS

AC/DC Modeling (2 Days)

Get an introduction to modeling low-frequency electromagnetic systems using COMSOL Multiphysics and the AC/DC Module in this 2 Day intensive training. Prior experience with COMSOL Multiphysics is not required.

RF, Microwaves, and Photonics

Learn to model electromagnetic waves, from radio to optical frequencies. The emphasis of the course is on modeling of antennas, resonant cavity structures, waveguides and transmission lines, scattering problems, periodic gratings, and electromagnetic heating.

STRUCTURAL & ACOUSTICS

Acoustics & Vibration Analysis

This course addresses the modeling of vibrations in linear elastic, poroelastic, and piezoelectric solids and their coupling to pressure waves in fluids. Applications include loudspeakers, mufflers, and piezoelectric transducers.

Structural Mechanics

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.

FLUID & HEAT

Computational Fluid Dynamics (CFD) (2 Days)

Join us for an intensive 2-day training course on the modeling of fluids and how to couple such model with other physics including heat transfer and chemical reactions. The COMSOL Multiphysics Intensive Course is a recommended prerequisite.

Heat Transfer (2 Days)

Learn how to use COMSOL and the Heat Transfer Module to solve realistic heat transfer problems. Sign up for the 2-Day intensive training.

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

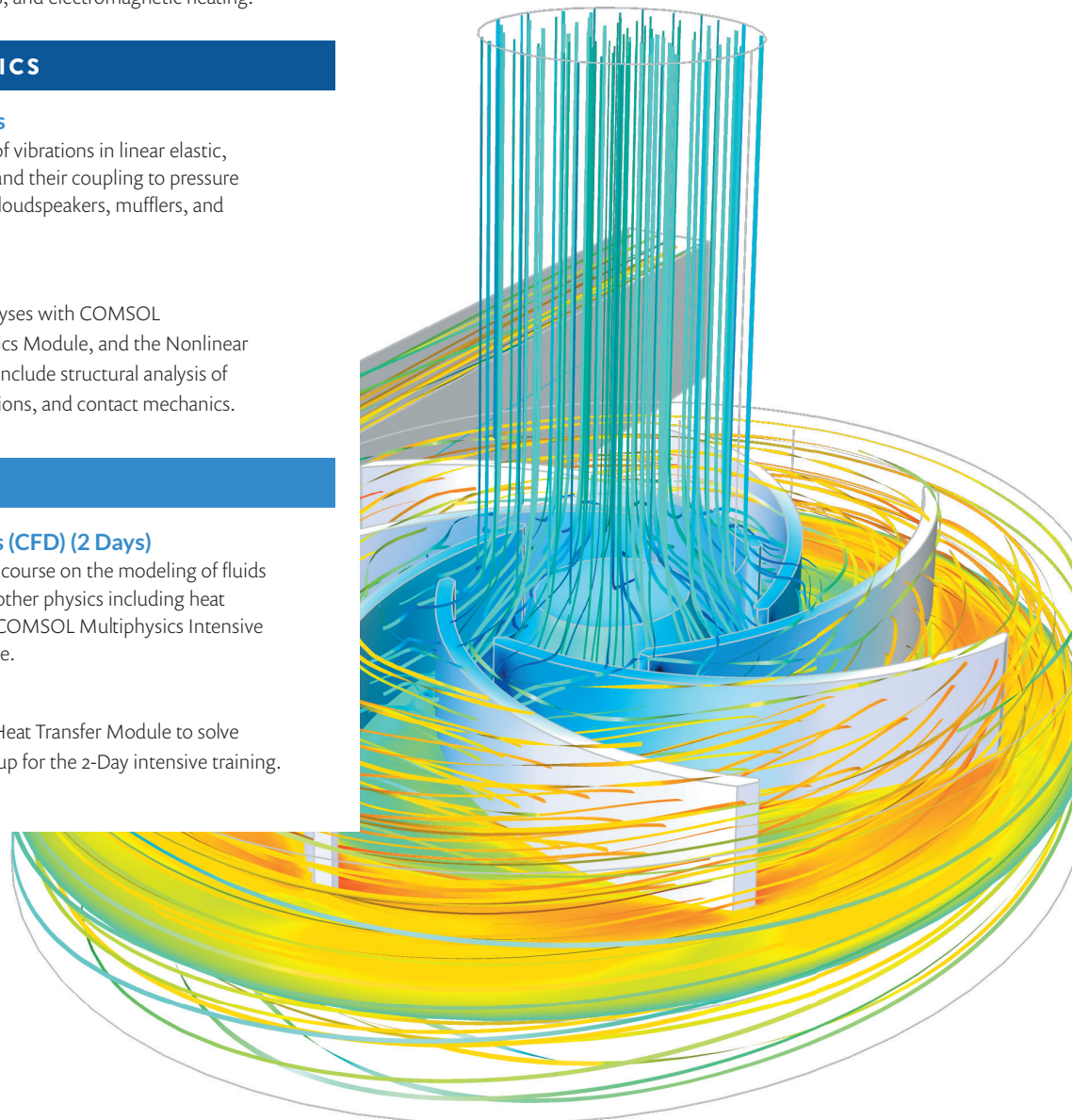
Courses are full day events. All training material and lunches are included.

1 Day course: CHF 999

2 Day course: CHF 1998

Pricing information online for courses held in Switzerland.

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



COMSOL TRAINING

ZÜRICH, SWITZERLAND

COMSOL 2-day Intensive	FEB 07-08
AC/DC 2-day Intensive	MAR 14-15
COMSOL 2-day Intensive	APR 11-12
Acoustics and Vibration Analysis	MAY 03
Structural Mechanics	JUN 27
CFD 2-day Intensive	JUL 04-05
COMSOL 2-day Intensive	OCT 24-25
RF, Microwaves, and Photonics	NOV 22
Heat Transfer 2-day Intensive	DEC 05-06

CONTACT INFORMATION

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For an up-to-date training calendar, and to register,
[visit comsol.ch/training](https://www.comsol.ch/training)

