

# TRAINING SERIES

JANUARY–MAY 2020

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.

## CONTACT INFORMATION

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

## GENERAL

### Essential

**4 FEB | Stockholm, Sweden**

Learn how to use essential modeling tools in COMSOL Multiphysics®.

### Advanced COMSOL Multiphysics® Training (2 Days)

**5–6 FEB | Stockholm, Sweden**

Learn how to use advanced functionality in COMSOL Multiphysics®.

### COMSOL Multiphysics Intensive (2 Days)

**9–10 MARCH | Copenhagen, Denmark**

**11–12 MAY | Copenhagen, Denmark**

An intensive introduction to the workflow and key features of COMSOL Multiphysics.

## FLUID & HEAT

### Heat Transfer and Fluid Flow (2 Days)

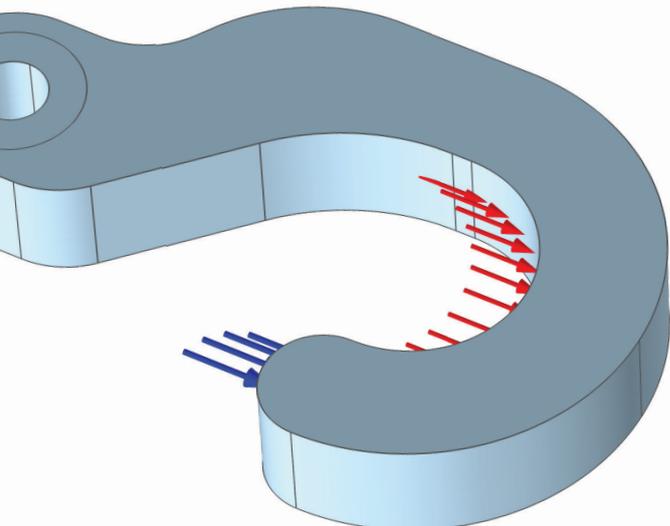
**16–17 MARCH | Stockholm, Sweden**

Learn how to use COMSOL Multiphysics® to model fluid flow and heat transfer applications.

### Computational Fluid Dynamics (CFD) (2 Days)

**25–26 MAY | Copenhagen, Denmark**

Develop a strong foundation for your fluid flow modeling work. The course combines theory with several practical exercises.



## ELECTROMAGNETICS

### Optics

**25 MARCH | Helsinki, Finland**

Learn how to use the Wave Optics Module and Ray Optics Module for modeling light-matter interaction relevant for applications including fibers, waveguides, gratings, micro- and nanostructures, lenses, coatings and optical systems.

### AC/DC

**6 MAY | Helsinki, Finland**

Learn how to use the AC/DC Module for modeling steady-state, transient, and low-frequency electromagnetic phenomena relevant for applications including resistors, capacitors, inductors and coils, motors, magnets, and electromagnetic heating.

## CHEMICAL

### Corrosion (3 Days)

**3–5 MARCH | Online**

Learn how to perform simulations of corrosion and cathodic protection using COMSOL Multiphysics and the Corrosion Module.

### Batteries & Fuel Cells Course (2 Days)

**15–16 APRIL | Stockholm, Sweden**

Learn how to use the Electrochemistry and the Batteries & Fuel Cells Module to study the influence of electrode structure, electrode geometry, materials, and operating conditions on the performance of devices at the unit cell level.

## STRUCTURAL & ACOUSTICS

### Acoustics Modeling (2 Days)

**19 MAY | Copenhagen, Denmark**

Develop a strong foundation for your future acoustics and vibrations modeling work.

