Contribution ID: **116** Type: **not specified**

COMSOL workshop

Friday 1 July 2022 09:00 (3 hours)

In this introduction session to COMSOL Multiphysics® software you will get an overview of COMSOL® capabilities in modeling electromagnetic fields and the motion of particles therein.
In Unit 1 we will cover the basic modeling workflow for modeling stationary and time-dependent low frequency EM fields such as capacitive, resistive and inductive systems.
Unit 2 will give you an introduction into full wave modeling, e.g. for RF and microwave systems.
In Unit 3 you will learn the basics of particle trajectory simulation in EM fields.
All units will be a mix of lecture and diverse live demos.
We will also recommend tutorials for homework with a free trial license of the current COMSOL Multiphysics® software version.
The workshop is suitable for anyone with an engineering, physics, or science background. No previous experience with the COMSOL Multiphysics® software is required.

Presenters: Mr OBRIST, Roman (COMSOL); Dr FRIEDEL, Sven (COMSOL)

Session Classification: Skills session