

# BornAgain2016



**Monday 21 November 2016 - Tuesday 22 November 2016**

**gate Garching Technologie- und Gründerzentrum**

## Programme

The BornAgain School will start with a beginner's tutorial on Python, numpy, and matplotlib. Who is familiar with these, may choose to arrive later.

The School proceeds with the following

BornAgain introduction, functionality and architecture overview

BornAgain sample and instrument model

Installation, working environment setup

GUI overview, running elementary simulations from a GUI

BornAgain Python API, running elementary simulations from Python

More complex examples: grating, particles with size distributions, particle compositions

Importing user data

Fitting

**Participants are asked to bring their laptop so they can install BornAgain and run exercises.**