

# FINESSE Workshop

## Investigating optical cavities in FINESSE

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# Hands on session with Finesse

After an introductory lecture on the principles of optical cavities we will do a hands-on session with optical modeling software FINESSE. We have provided links that start a working Finesse environment (with Python and Jupyter) on Google Colab or Binder. You can also download and install the software on your own computer.

- In the first part of this hands-on-session we will get acquainted to FINESSE and its basic modeling principles. We will begin with the introductory notebook. On the following link you can find all the notebooks that we will use in this workshop.

**[https://gitlab.com/ifosim/finesse/finesse3\\_getting\\_started](https://gitlab.com/ifosim/finesse/finesse3_getting_started)**



- In the second part of this hands-on-session we will model optical cavities in FINESSE and try to appreciate some of the concepts introduced to you in the lecture.

This session aims to prepare you for the notebooks that we have designed for you to "experiment."