Hands-on session, Telescopes

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Running Jupyter notebooks

Connect to callysto to get access the Nikhef's JupyterHub.

To do so you need to get connect through EduVPN

Accessing the service

Nikhef's JupyterHub service can be found at https://callysto.nikhef.nl. Note this is running an Ubuntu OS so the command line interface will look different.

It is available exclusively for Nikhef users. You have to be on the Nikhef network or use eduVPN to access the service.
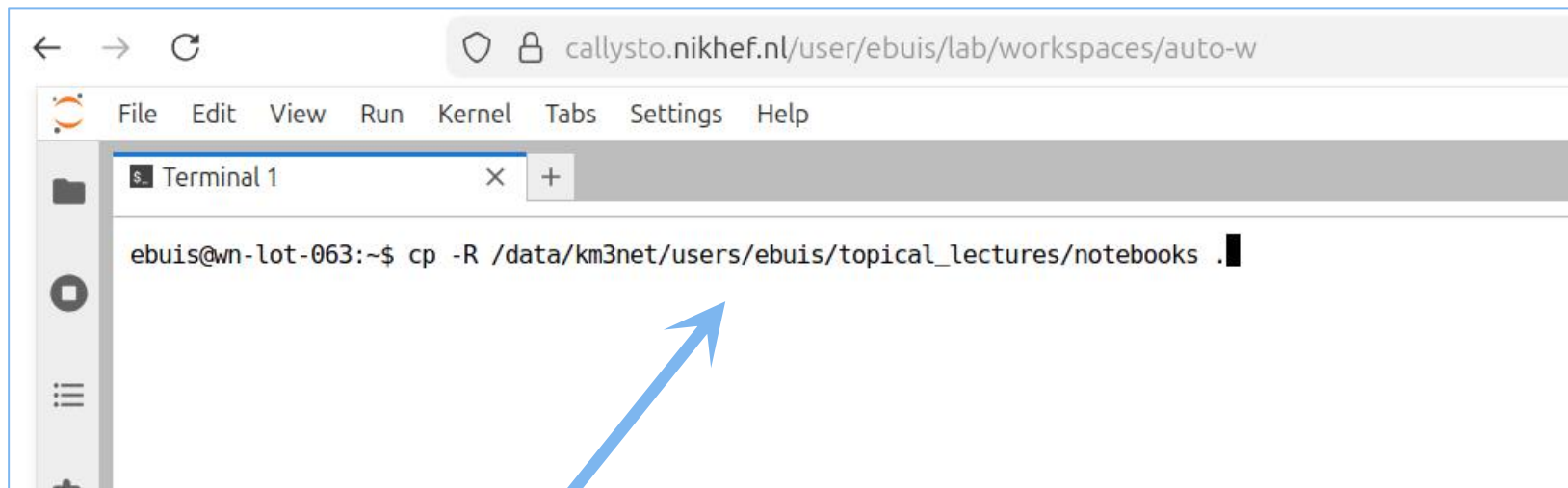
Navigate to https://callysto.nikhef.nl and log on via Nikhef SSO.

Running Jupyter notebooks

Open a terminal
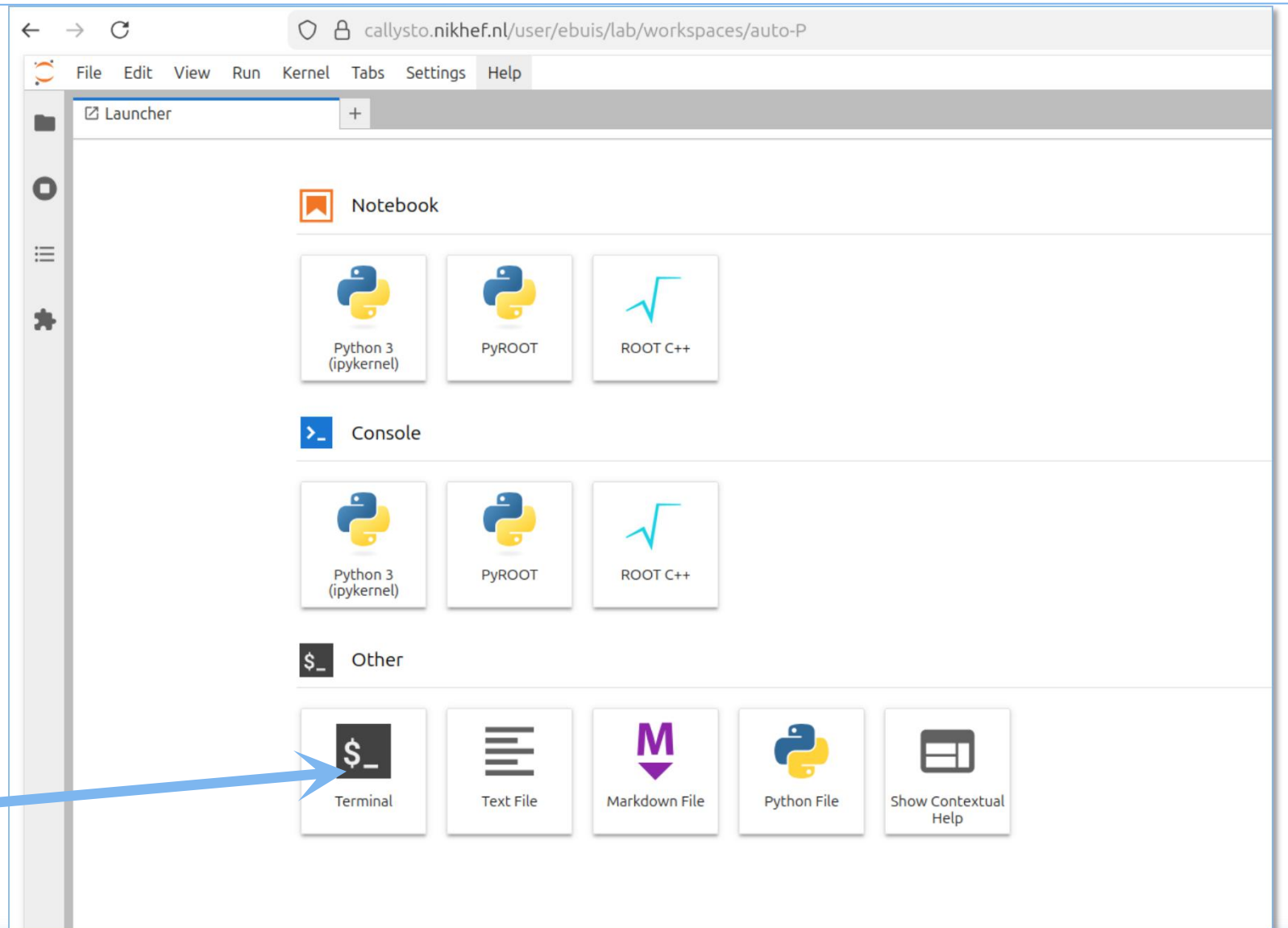
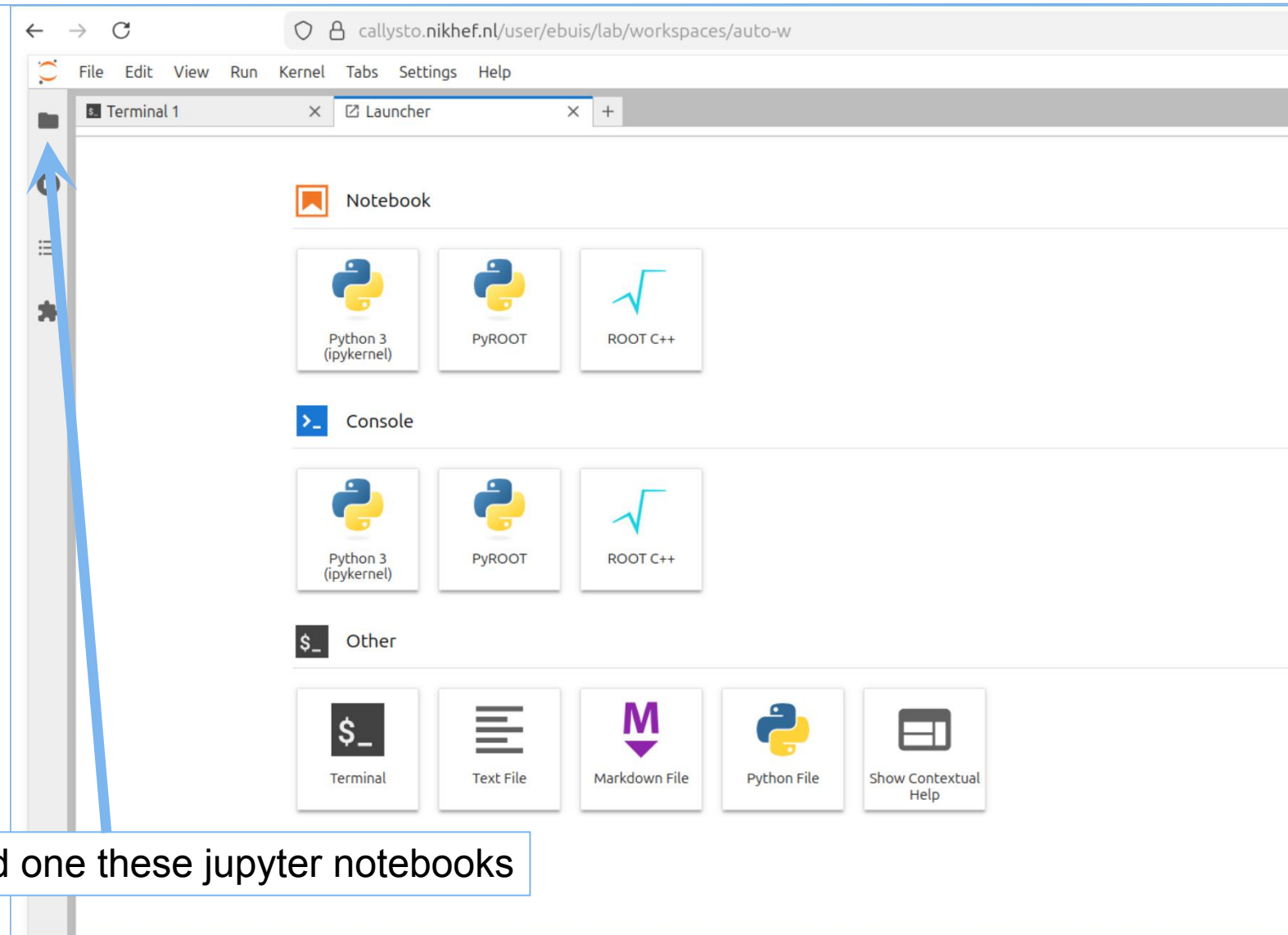# Running Jupyter notebooks

Copy the notebooks in to you own directory (otherwise we are tweaking the same notebook...)

Running Jupyter notebooks
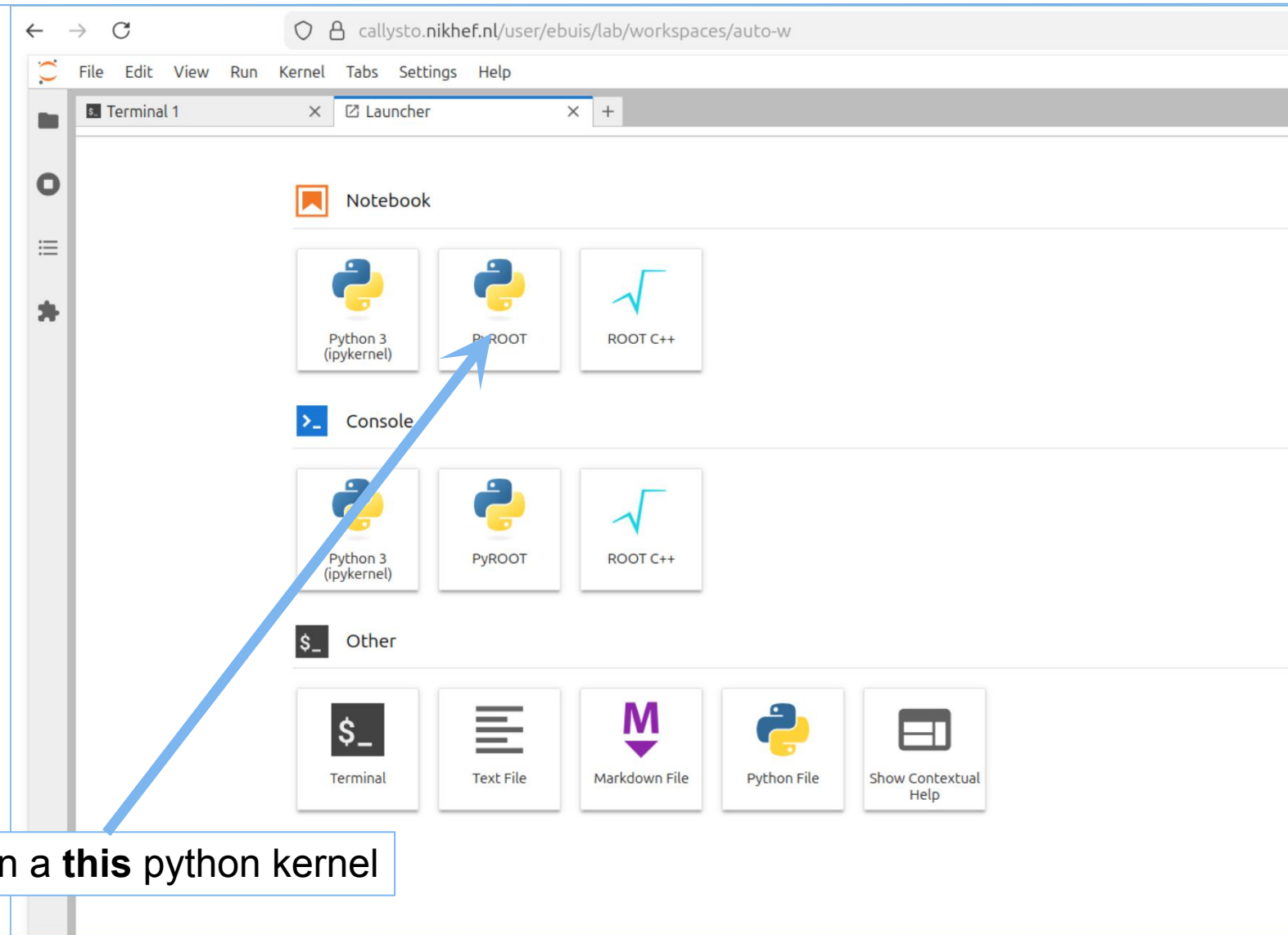
Open a **this** python kernel

Running Jupyter notebooks

Load one these jupyter notebooks

Exercises

- Three exercises have been prepared:
  1. Source search
  2. Source associations with data
  3. An acoustic neutrino signal

- The order of exercises is not relevant

- Try to run the Jupyter notebooks and get familiar with the topic when tweaking the parameters
  - Learn about statistical methods
  - Make you own neutrino sound

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