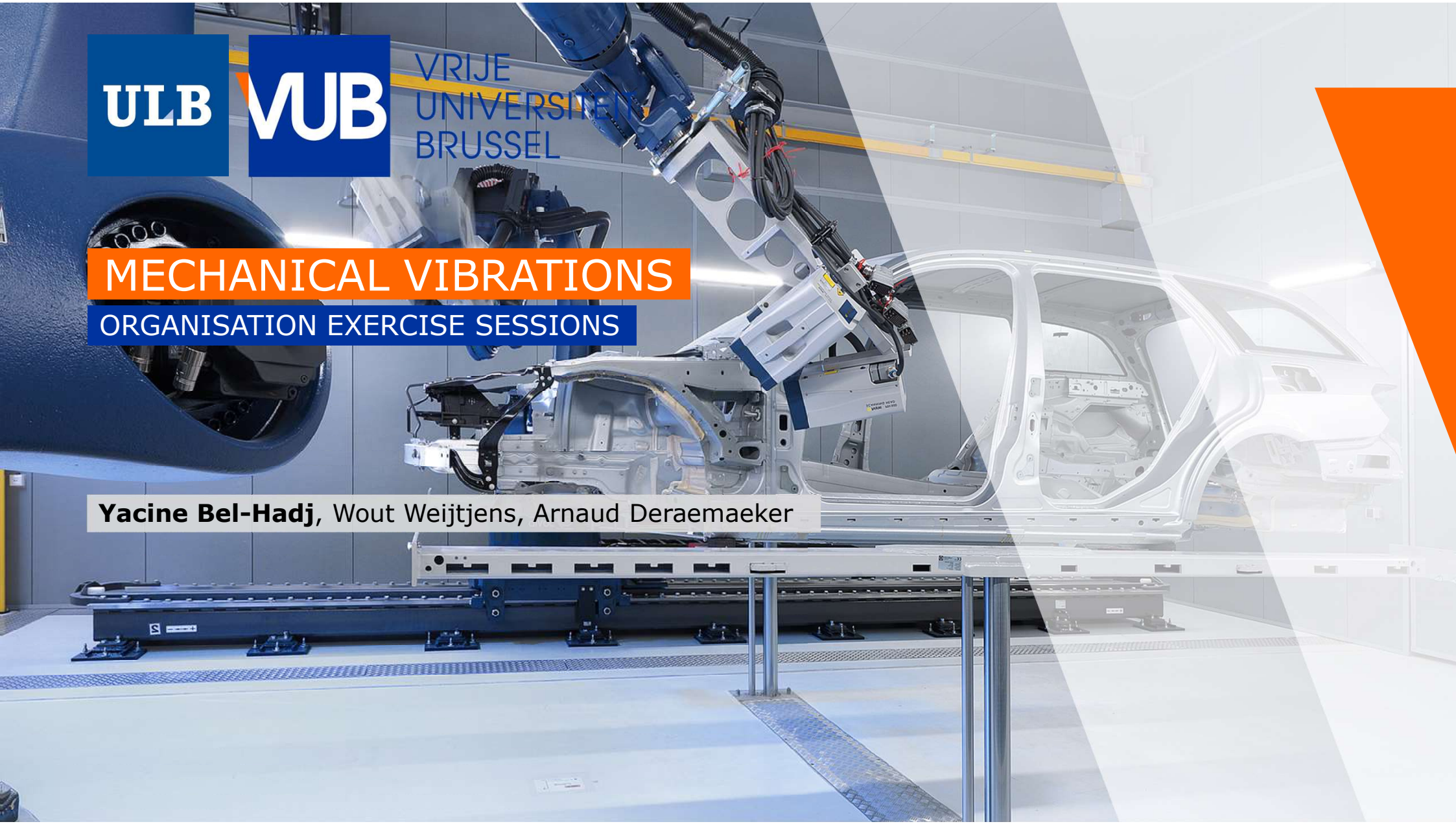


ULB VUB VRIJE UNIVERSITEIT BRUSSEL

MECHANICAL VIBRATIONS

ORGANISATION EXERCISE SESSIONS

Yacine Bel-Hadj, Wout Weijtjens, Arnaud Deraemaeker

MECHANICAL VIBRATIONS

6 EXERCISE SESSIONS – 1 PROJECT

- Six collective sessions @ ULB
  - **Bring your laptop!**
  - **Presence is not strictly compulsory, but strongly advised!**
    - Especially if you are experiencing accessing the JupyterHub
  - **Submit each completed session to pass this**
    - Most of you will do so at the end of the exercise session itself
    - Deadline 1 week after the exercise session

- Final individual project – to be defended during oral exam

Contact person: Yacine Bel-Hadj (yacine.bel-hadj@vub.be)

MECHANICAL VIBRATIONS

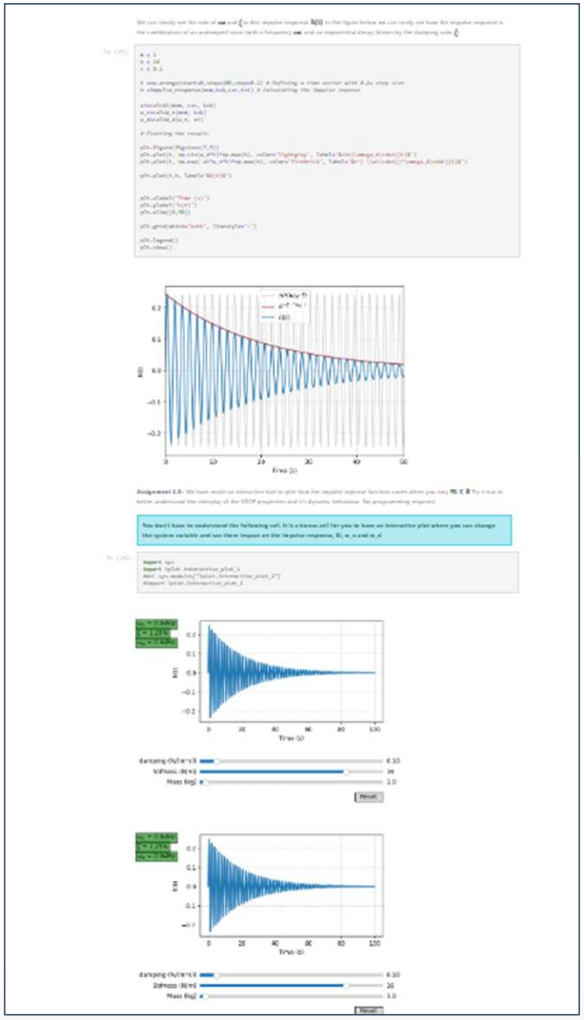
JUPYTER NOTEBOOKS

Labs are organised using Jupyter Notebooks (Python)

Experience with Python is a bonus but not a must.

First session serves as an introduction to this way of programming.

Notebooks are hosted online, no need to install anything



EXERCISE SESSIONS

CANVAS REGISTRATION

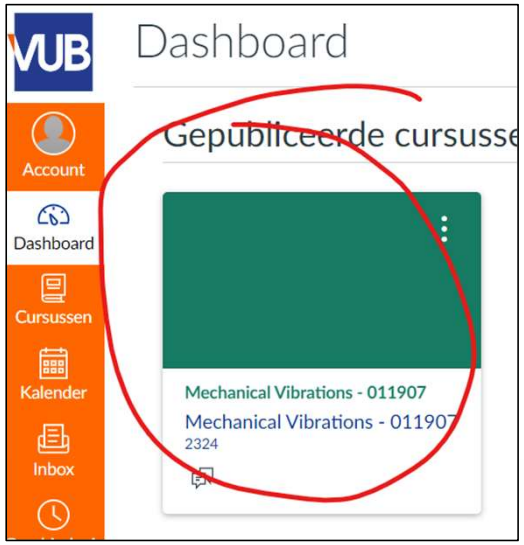
In order to join the exercise sessions you need to join the course on VUB's Canvas: https://canvas.vub.be/

- For VUB Bruface students this is likely already registered
- For ULB Bruface students, probably have a VUB account (@vub.be) but not yet registered for the course
- None of both? → Register as a guest-student: Link

Not yet in **Mechanical Vibrations?**

Goto: Courses, make sure you are in 2425 edition

More info on registering for a course on Canvas: Tutorial



Register now!

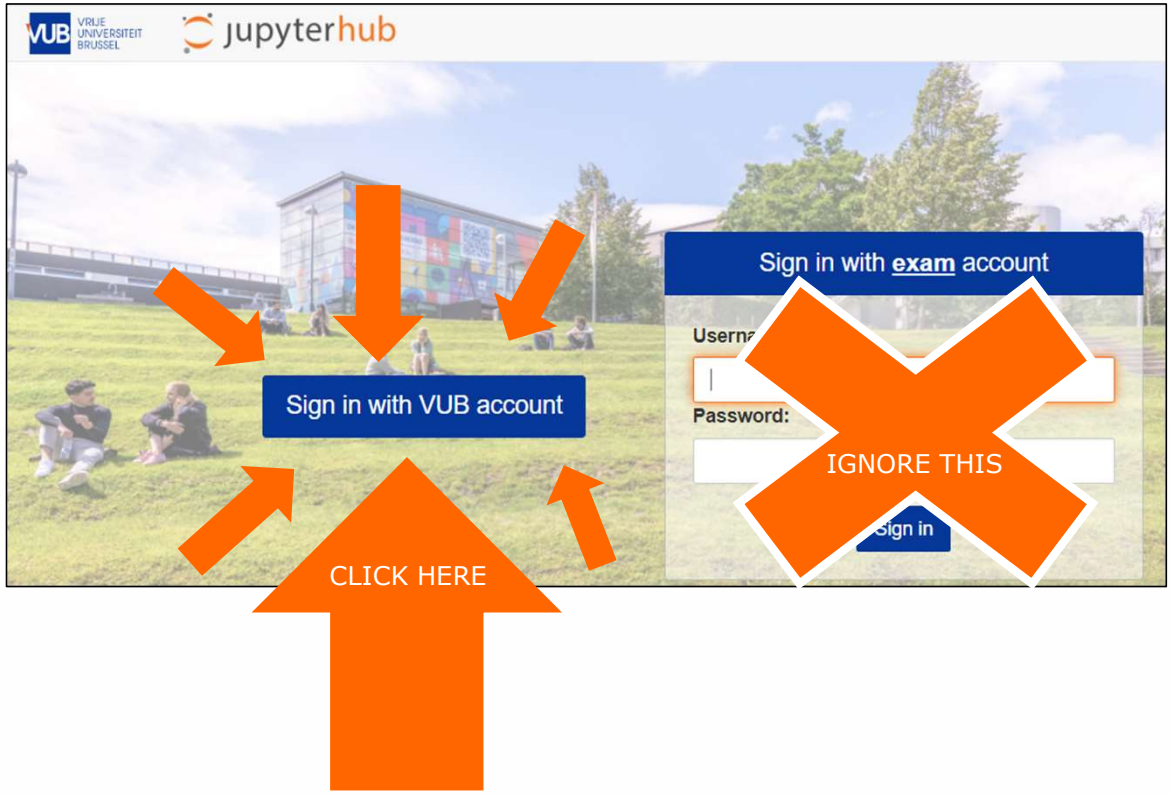
EXERCISE SESSIONS

JOINING THE SESSIONS

Go to: https://jupyter.etrovub.be

Click: "Sign in with VUB account"

Log in with your VUB account. The exercises of mechanical vibrations should be visible to you ☺



NOTE : registration on jupyterhub takes 24h after registration on Canvas

EXERCISE SESSIONS

COLLECTING THE ASSIGNMENTS

Once logged in select: **Nbgrader**

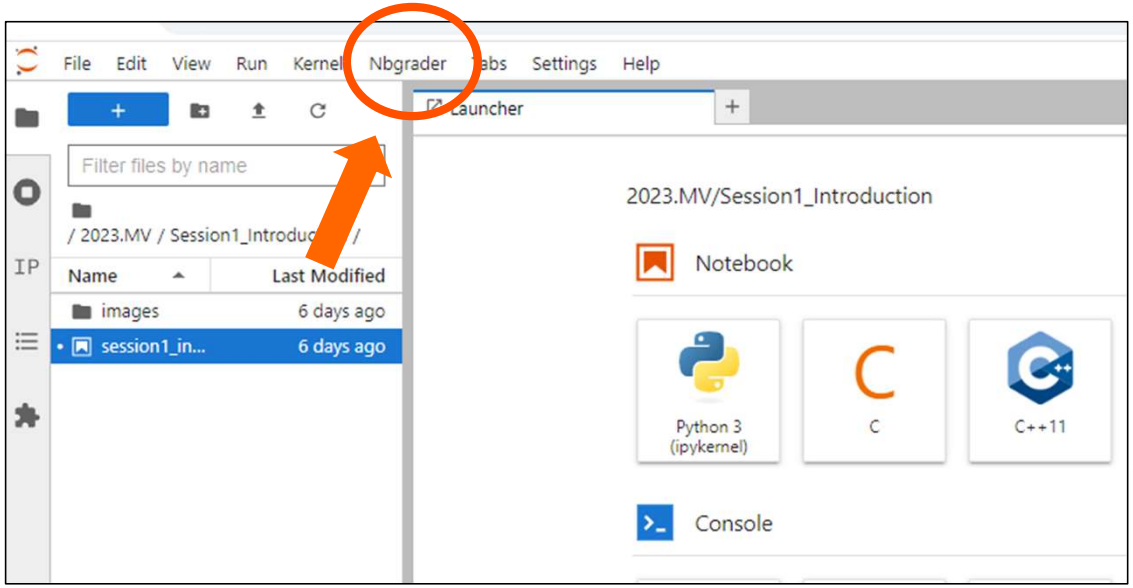
From the dropdown menu select: **Assignment List**

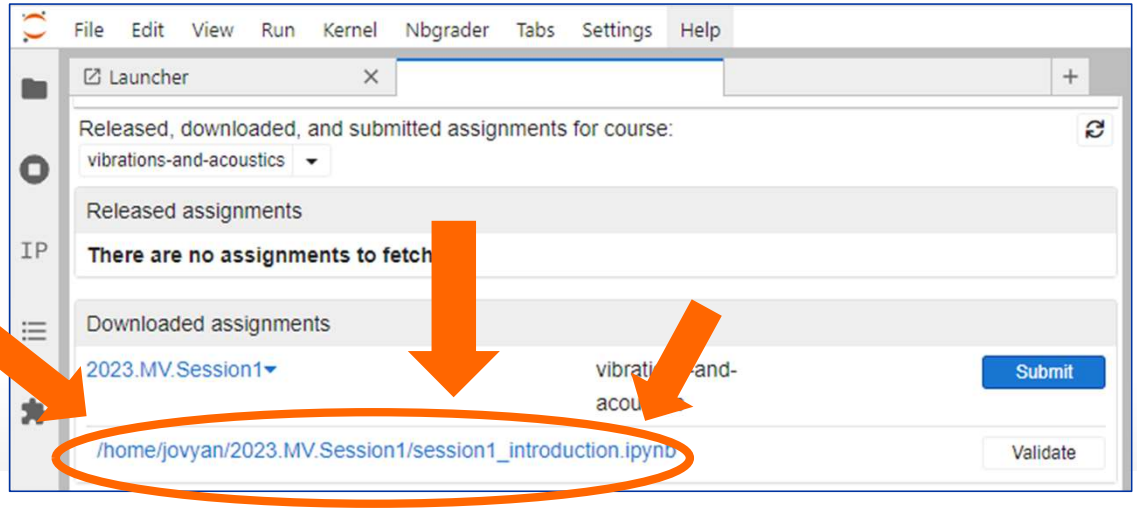
A new panel with '**Released assignments**' will appear.

Press the button with **Fetch**

The assignment now appears in your **"Downloaded assignments"**

Click on the hyperlink to start your exercise





EXERCISE SESSIONS

SUBMITTING THE ASSIGNMENTS

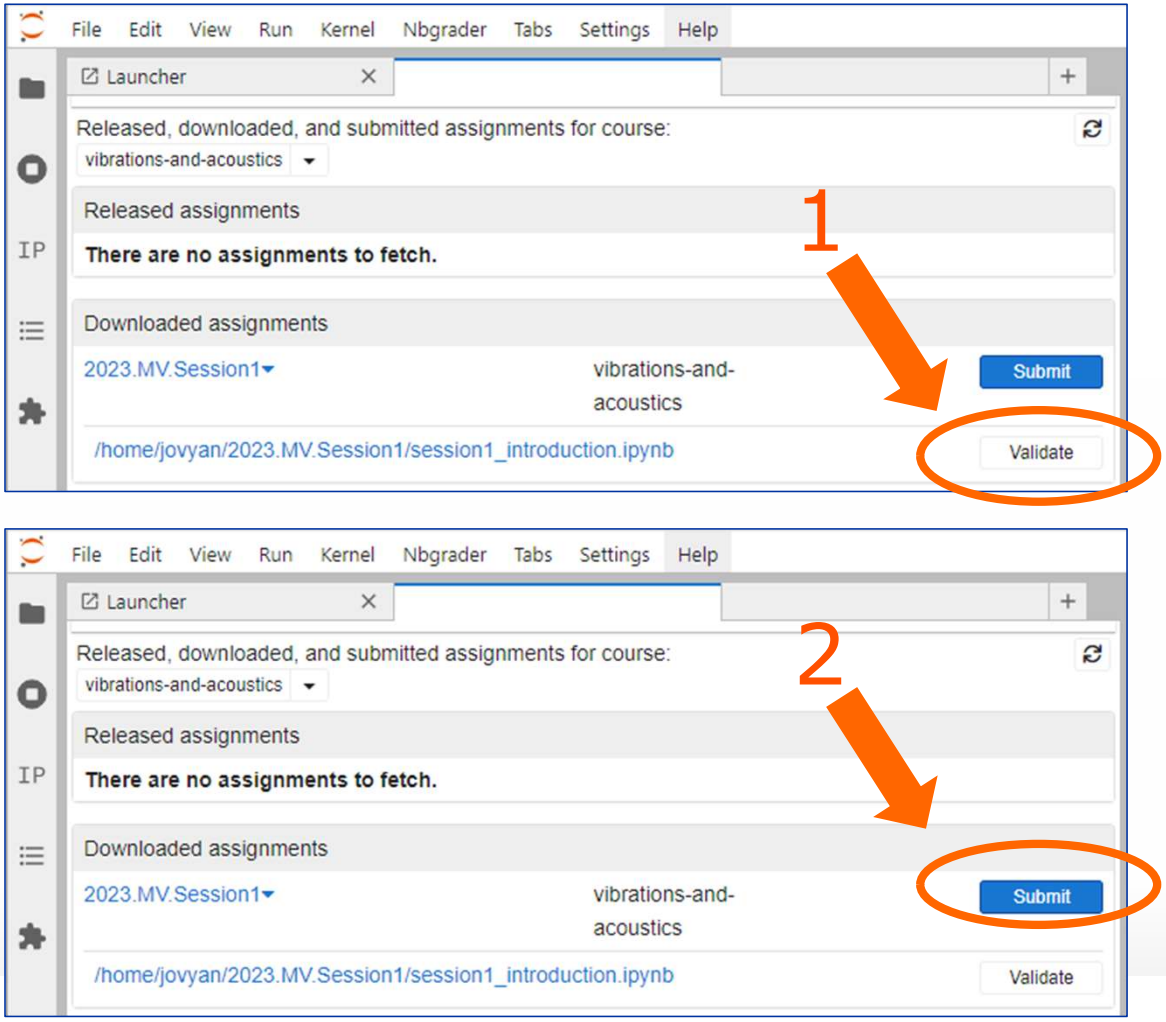
After completing the exercise , return to the 'Assignments' tab

First Press 'Validate'

- If this passes, (Success!), press **Submit**

- If Validate does not pass, then you made an error in your notebook. Return to the notebook and resolve the error. If you struggle to find the error reach out to one of us.

After you pressed submit your assignment is in the **'Submitted Assignments'**



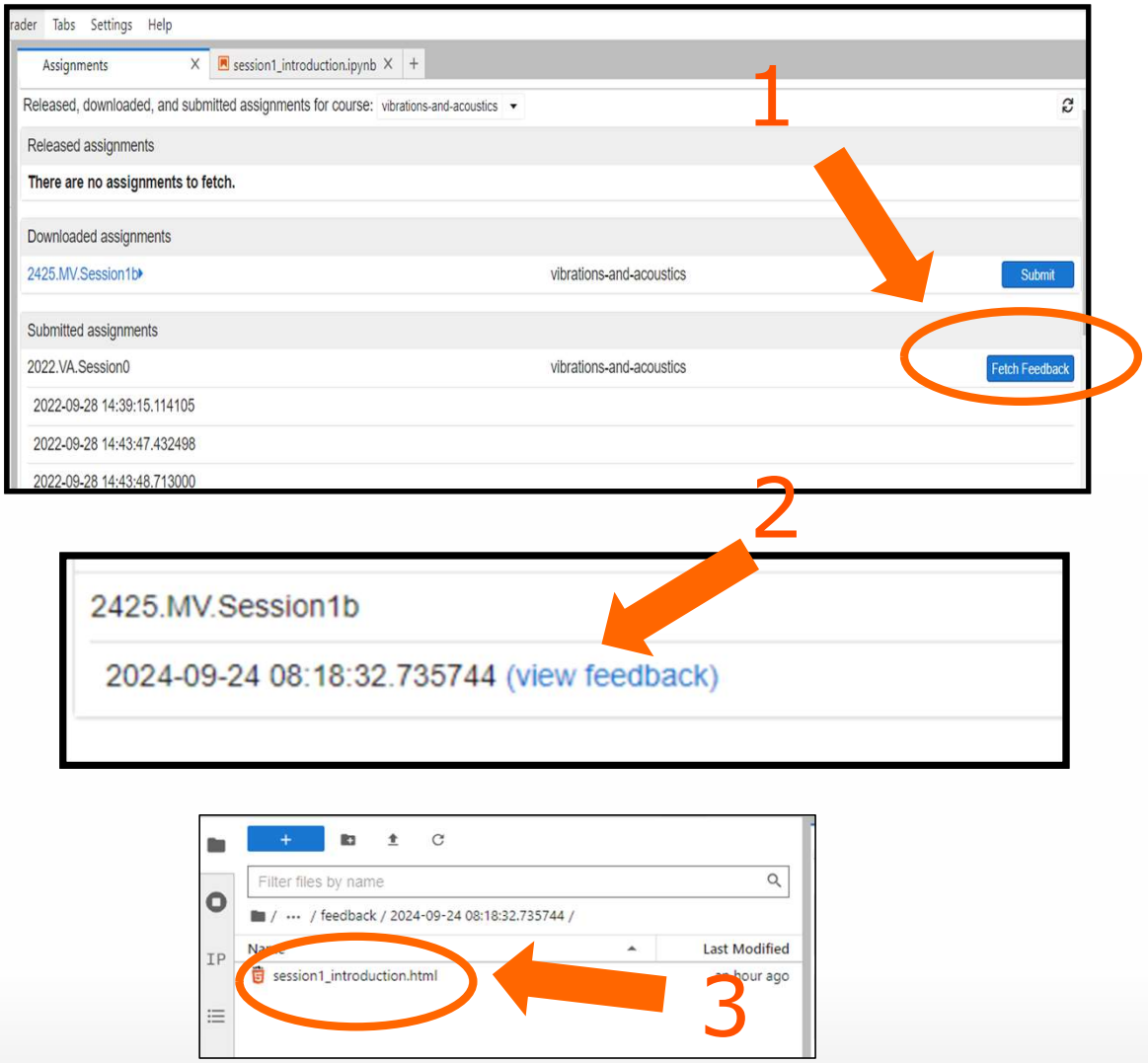
EXERCISE SESSIONS

FETCHING FEEDBACK

After submission, you might a message that we provided feedback.

<u>To collect the feedback:</u>

- Click the Nbgrader tab on the main interface and select Assignment List.
- (1) Click 'Fetch Feedback' next to the submitted assignment's name
- (2) If feedback is provided, a hyperlink will appear under the assignment.
- (3) Click on the HTML file that appeared in the navigation column
- Review the feedback to identify any errors or areas for improvement.
- For clarification, contact the teaching assistant.



QUESTIONS?