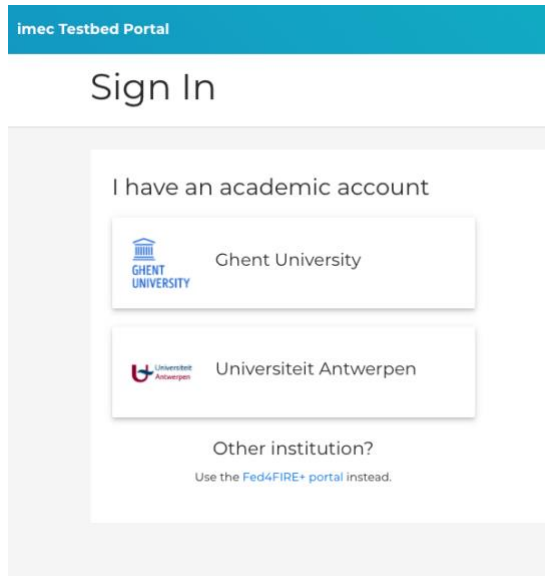


# Using JupyterHub

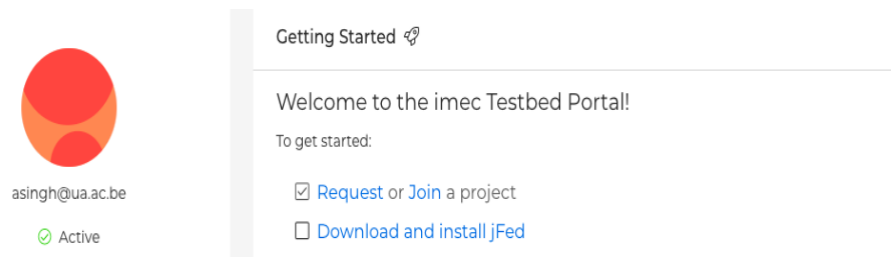
This step is mandatory if you wish to use GPULab for your lab sessions.

Go to :- <https://account.ilabt.imec.be/>

- 1) Click on Login
- 2) Click on University of Antwerpen.



- a.
- b. Click on request / Join a project.



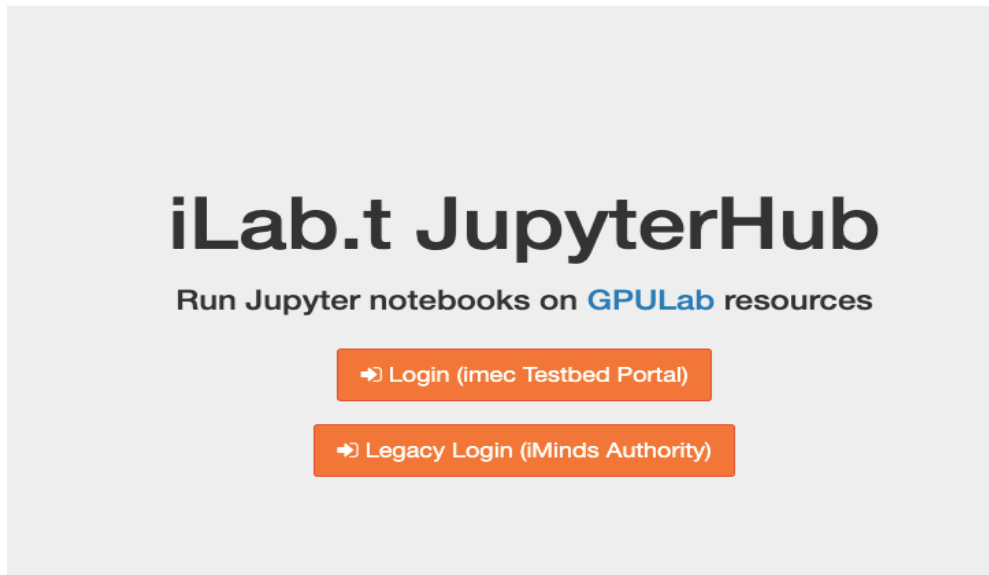
- c.
- d. Fill following details:-
  - i. Project Name = RL\_Lab\_<student name> e.g RL\_Lab\_asingh
  - ii. Description = Project for lab sessions.
  - iii. Which testbeds do you intend to use? = GPU.
- e. Click on submit.



New Project Requested

## Step 1)

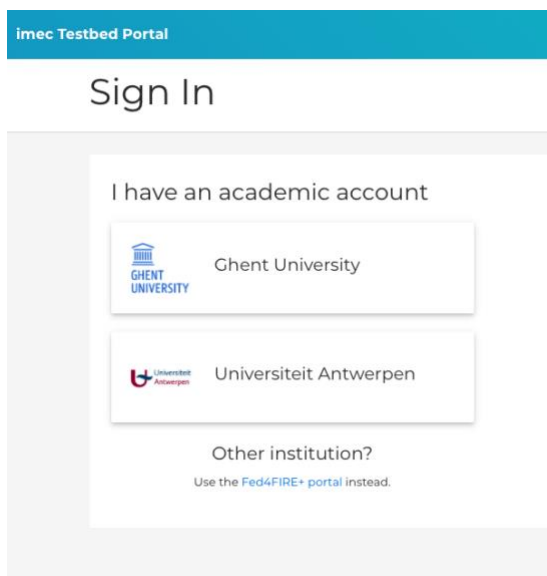
Go on JupyterHub: <http://jupyterhub.ilabt.imec.be/>.



## Step 2)

Click on Login (Imec Testbed Portal)

Assuming at this point you already have created account and we have approved your account. Login should look like this



## Step 3)

### Authorize Jupyterhub

JupyterHub on GPULab wants to access your  
imec Testbed Portal Account

This will allow JupyterHub on GPULab to access your:

- Username
- Full Name
- Email address
- Projects

✓ Authorize

✗ Deny

## Step 4)

Fill in the details

The details you need to fill in are:-

4.2) Select a project :- RL\_course\_xx (your name)

4.3) Docker Image:- copy paste the following:

gitlab+deploy-token-

170:Kjod7MxG9ghoDzRqd6ww@gitlab.ilabt.imec.be:4567/asingh/rl\_course:latest

4.3) CPUs:- 1

4.4) GPUs:- 0

4.5) GB Memory:- 8

4.6) Cluster ID:- 4

The filled in values should look something like this

## Server Options

### General settings

Load Configuration

Save Configuration

Select a project:

rlcourse

### Docker settings

Docker Image:

gitlab+deploy-token-170:Kjod7MxG9ghoDzRqd6ww@gitlab.ilabt.imec.be:4567/asingh/rl\_course:latest

### Requested resources

# CPUs:

1

# GPUs:

0

#CPU GB Memory:

8

Cluster ID:

4

Job will run on cluster 4

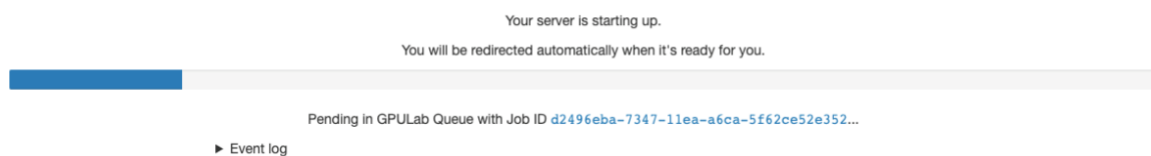
Currently available: 9 GPU's 48 CPU's 360 GB of CPU memory. (full cluster overview)

Show Advanced Options

Start

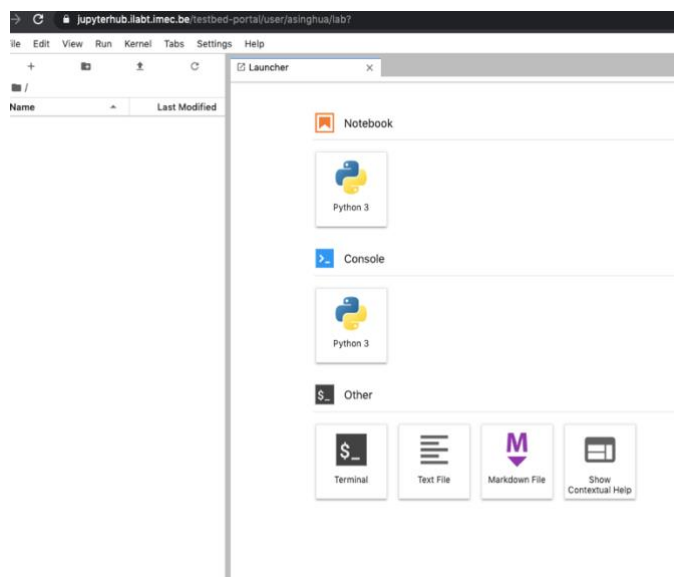
## Step 5)

Click on start, you should see a loading screen:



## Step 6)

Once logged in, you should see the following:



## Step 7)

If you close your browser your JupyterHub server **will still be running**. It's important that you free your resources before you exit.

Follow following steps:-

8.1) File > Hub Control Panel

8.2) Click on **Stop My Server**

