



JUWELS BOOSTER ONBOARDING SC21 TUTORIAL *SESSION 1B*

14 November 2021 | Andreas Herten | Jülich Supercomputing Centre, Forschungszentrum Jülich

Accessing JUWELS Booster

- Everything listed on GitHub repo of tutorial:
[go.fzj.de/sc21-mg-gh¹](https://go.fzj.de/sc21-mg-gh)

¹Unshortened link: <https://github.com/FZJ-JSC/tutorial-multi-gpu/>

Accessing JUWELS Booster

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[go.fzj.de/sc21-mg-gh¹](https://go.fzj.de/sc21-mg-gh)

- 1 Create JSC account at JuDoor
- 2 Join training2125 project
→ go.fzj.de/sc21-mg-jd
- 3 Accept usage agreement
- 4 Wait 15 minutes 
- 5 Access system via Jupyter
→ jupyter-jsc.fz-juelich.de
- 6 Source course environment in a Jupyter Shell
\$ `source $PROJECT_training2125/env.sh`

¹Unshortened link: <https://github.com/FZJ-JSC/tutorial-multi-gpu/>

Accessing JUWELS Booster

- Everything listed on GitHub repo of tutorial:
go.fzj.de/sc21-mg-gh¹
- Please start process now
- We'll repeat the following steps in the first hands-on session

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JuDoor Login

https://judoor.fz-juelich.de/login?show=/projects/training2125/

JuDoor Login

You need to login in order to visit that page.

Portal for managing accounts, projects and resources at JSC.

Login using JSC account

Username

Password

Login Register Reset password

https://judoor.fz-juelich.de/register?show=/projects/training2125/

Login with e-mail callback

Login mail address

A confirmation email to confirm your identity will be sent to this address.

Send identification mail

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SUPERCOMPUTING
CENTRE

JU Send join request to project X +

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← → ⌂ ⌂ https://judoor.fz-juelich.de/projects/join/training2125

>Your account xyzhert1

Send join request to project

Do you want to send a project join request to the **training2125** project?

The following information will be given to the PI and PA of the project: Dr. Andreas Herten, xyzhert1, an@email.address.com

Optional additional information for the PI and PA

Attending SC21 Mult-GPU tutorial and excited about today!

Send join request to project.

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Forschungszentrum Jülich, JSC

Contact Support
JuDoor Requests

We are pleased to bring "Supercomputing in your browser". Jupyter-JSC is designed to provide the rich high performance computing (HPC) ecosystem to the world's most popular software: web browsers. JupyterLab is a web-based interactive development environment for Jupyter notebooks, code, and data. JupyterLab is flexible to support a wide range of workflows in data science, scientific computing, and machine learning. [Read more.](#)

login or compute nodes or even the HDF cloud - depending on the computing resources available to you.

Please use your JSC account to log in or register if you have not already done so. It's also possible to log in via Helmholtz AAI.

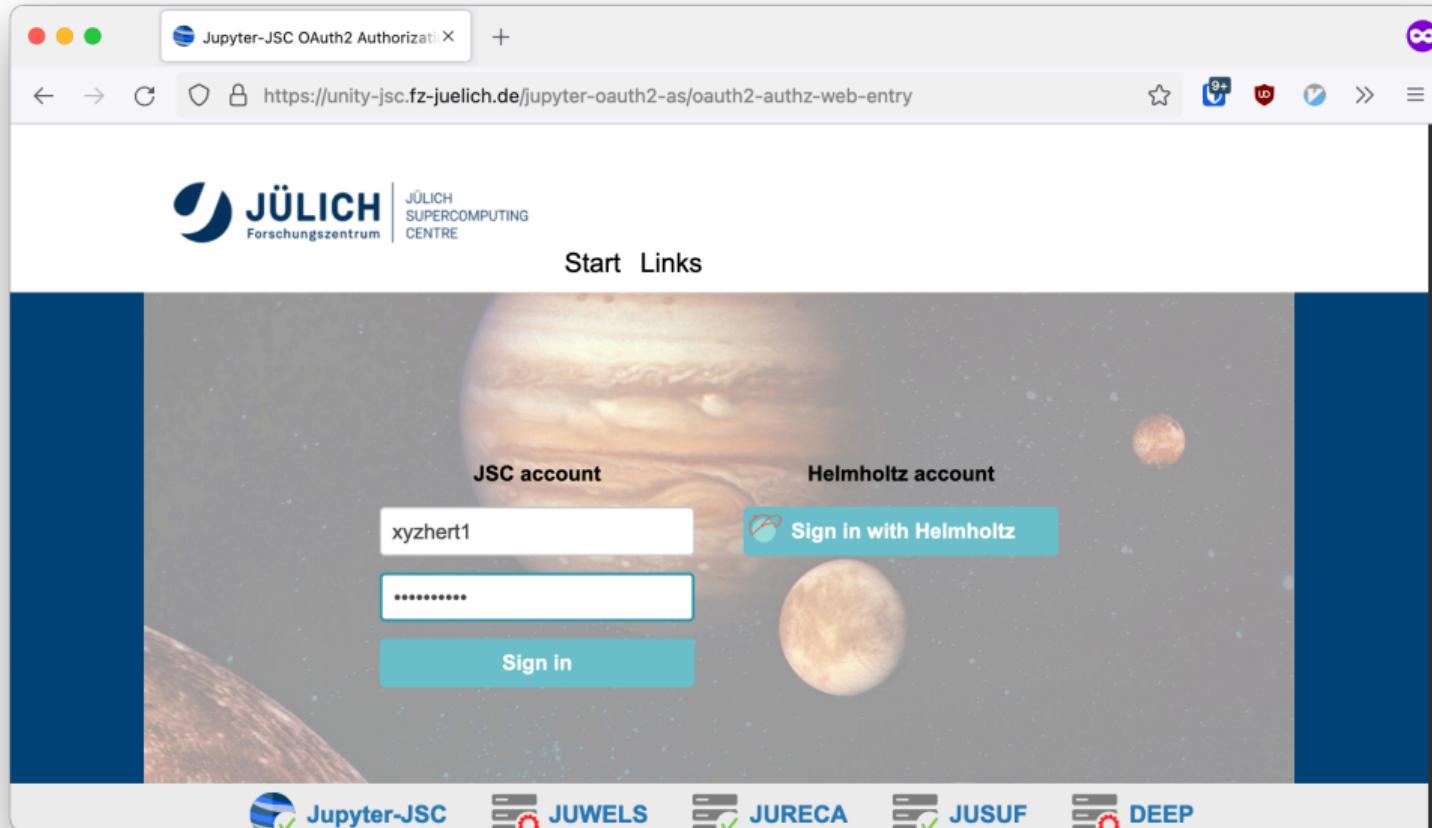
[Login](#)  [Register](#)

 **Jupyter-JSC**  **JUWELS**  **JURECA**  **JUSUF**  **DEEP**

 **HDFML**  **HDF-Cloud**

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HELMHOLTZ
RESEARCH FOR GRAND CHALLENGES



Jupyter-JSC

https://jupyter-jsc.fz-juelich.de/hub/home

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Start Links

Last login: 13:23:11 2021-10-27

an@email.address.com

Logout

Configurations

Please give each of your configurations a name.
This way you can run multiple instances at the same time.
Supported characters are a-z, 0-9 and '_'.
JupyterLab

Name	Version	System	Account	Project	Partition	Details	Actions
sc21multigpu							Add new JupyterLab

Jupyter-JSC JUWELS JURECA JUSUF DEEP

HDFML HDF-Cloud

The screenshot shows the JupyterLab Options interface. At the top left is the Jülich Supercomputing Centre logo. To its right is the text "Last login: 13:23:11 2021-10-27". Further right are the user's email address "an@email.address.com" and a "Logout" button. Below the header, the title "JupyterLab Options" is displayed. On the left, there is a vertical sidebar with a blue gradient background. In the center, there are five buttons arranged vertically, each with a dropdown arrow: "Version" (set to "JupyterLab"), "System" (set to "JUWELS"), "Account" (set to "herten1"), "Project" (set to "training2125"), and "Partition" (set to "LoginNodeBooster"). Below these buttons is a large blue "Start" button. At the bottom of the interface, there is a footer bar featuring icons and names for various clusters: Jupyter-JSC, JUWELS, JURECA, JUSUF, and DEEP. Below the footer, there are two smaller, partially visible icons: UREMI and URE Cloud.

Jupyter-JSC

https://jupyter-jsc.fz-juelich.de/hub/spawn/ /sc21multigpu

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Last login: 13:23:11 2021-10-27

an@email.address.com

Logout

JupyterLab Options

Version: JupyterLab ▾

System: JUWELS ▾

Account: herten1 ▾

Project: training2125 ▾

Partition: LoginNodeBooster ▾

Start

Jupyter-JSC JUWELS JURECA JUSUF DEEP

UREMI URE Cloud

