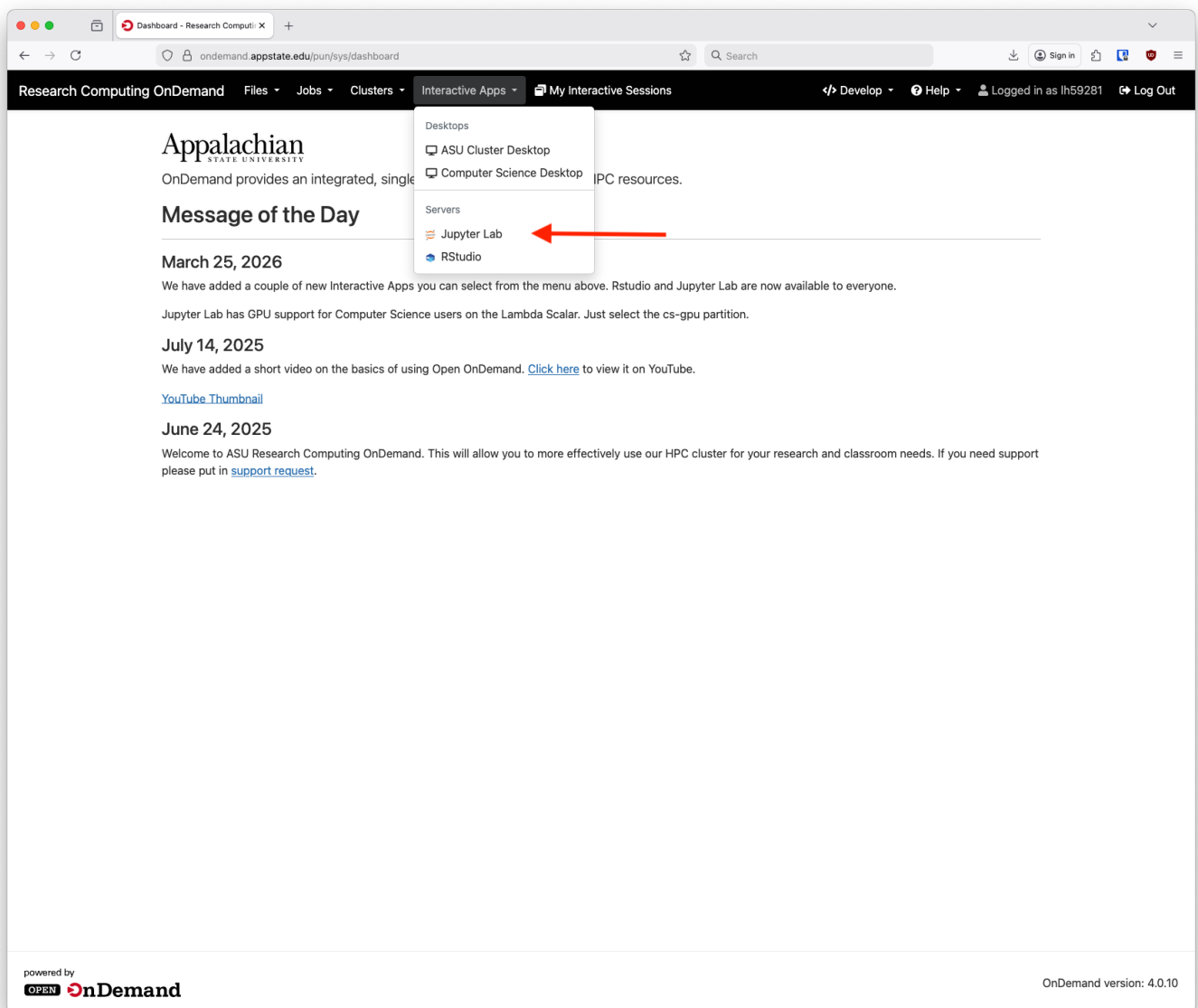


Jupyter Hub Open OnDemand Application

We now have Jupyter Lab available through [Open OnDemand](#). It is accessed similarly to other interactive applications, first login to OnDemand and from the home screen select Jupyter Lab from under Interactive Apps and Servers:



Next, fill out the information requested on the form page. Select the time needed, CPUs and RAM for your session. An optional email field is so you can receive an email when you session starts or closes. Partition choice should mostly be compute for faculty research, debug for testing and students and cs-gpu for Computer Science users with access to the GPU node. There's an optional field to use a custom Apptainer container if you have built one. It needs to be uploaded on the login

node first either via SCP or through the Open OnDemand Files application. **This is completely optional, leave this field blank to use our default Jupyter Hub image.** Custom container images are a good way to build a Jupyter Hub environment for specific projects.

The screenshot shows a web browser window with the URL `ondemand.appstate.edu/pun/sys/dashboard/batch_connect/sys/ood_bc_jupyterlab/session_contexts/he`. The page title is "Jupyter Lab - Research Computing OnDemand". The navigation bar includes "Files", "Jobs", "Clusters", "Interactive Apps", and "My Interactive Sessions". The user is logged in as "lh59281".

The main content area is titled "Jupyter Lab" and includes the following sections:

- Interactive Apps:** A sidebar with "Desktops" (ASU Cluster Desktop, Computer Science Desktop) and "Servers" (Jupyter Lab, RStudio).
- Interactive Apps [Sandbox]:** A sidebar with "Servers" (Jupyter Lab, RStudio).
- Number of Hours:** A dropdown menu set to "1".
- Partition Selection:** A dropdown menu set to "compute".
- Memory:** A dropdown menu set to "8G".
- CPU:** A dropdown menu set to "12".
- Email Address:** A text input field containing "lh59281@appstate.edu".
- Optional Jupyter Hub Container File:** A text input field and a "Select Path" button.
- Launch:** A large blue button.

Below the "Launch" button, there is a note: "* The Jupyter Lab session data for this session can be accessed under the [data root directory](#)."

After you click Launch you'll be taken to a screen to wait for the session to start. This might take a minute give or take. After it is ready you will see a button appear that says "Connect to Jupyter."

My Interactive Sessions - Rese: X

ondemand.appstate.edu/pun/sys/dashboard/batch_connect/sessions

Research Computing OnDemand Files Jobs Clusters Interactive Apps My Interactive Sessions Develop Help Logged in as lh59281 Log Out

Home / My Interactive Sessions

Interactive Apps

Desktops

ASU Cluster Desktop

Computer Science Desktop

Servers

Jupyter Lab

RStudio

Interactive Apps [Sandbox]

Servers

Jupyter Lab

RStudio

Jupyter Lab (12415)

1 node | 12 cores | Running

Host: >_hpc2

Delete

Created at: 2026-03-25 15:27:38 EDT

Time Remaining: 59 minutes

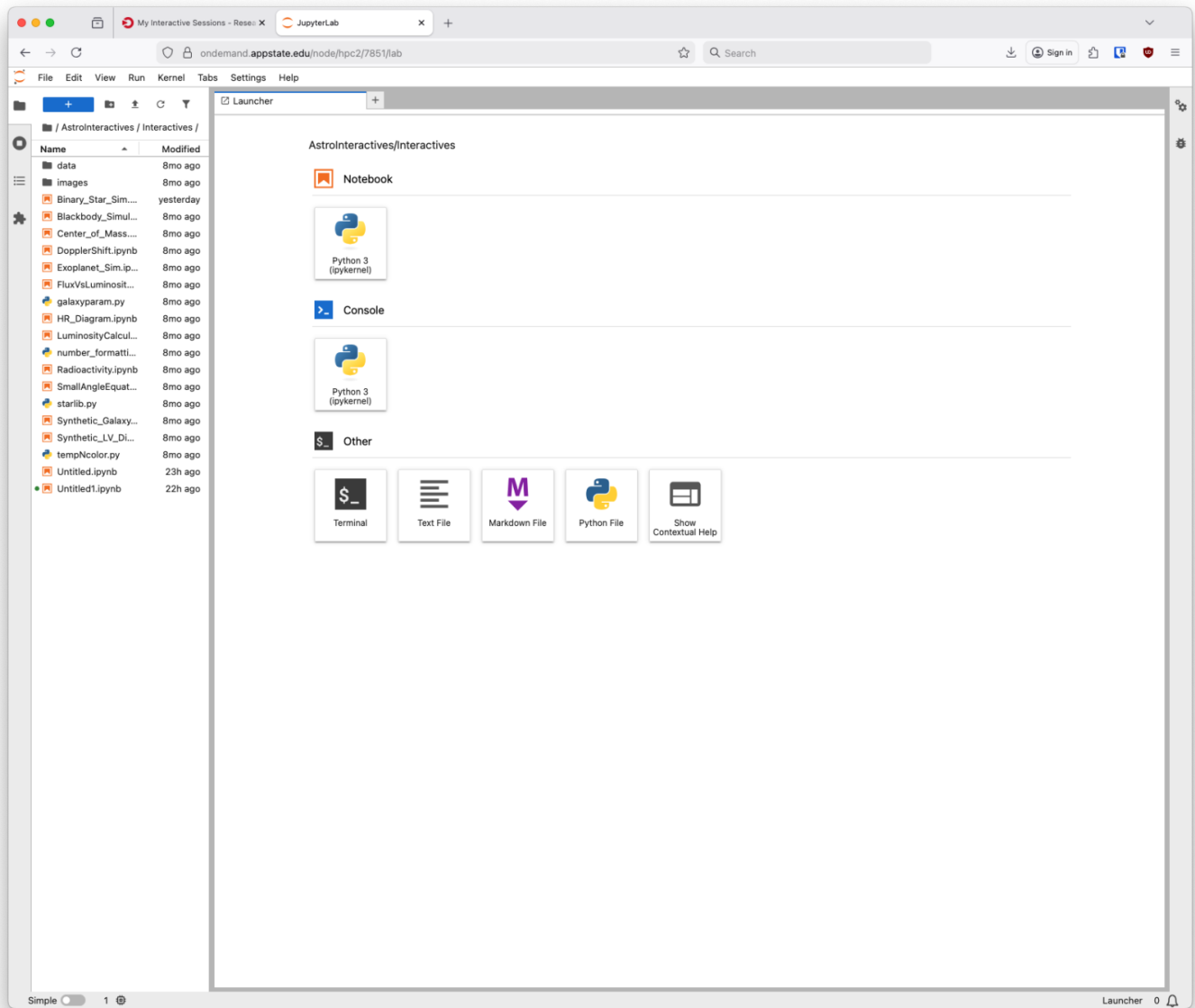
Session ID: 51182b06-b576-4b3f-ad53-51238078c449

Connect to Jupyter

powered by OPEN OnDemand

OnDemand version: 4.0.10

After clicking that a new tab will open with your Jupyter Hub session:



If you have further questions please [submit a support request](#).

Revision #2

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