

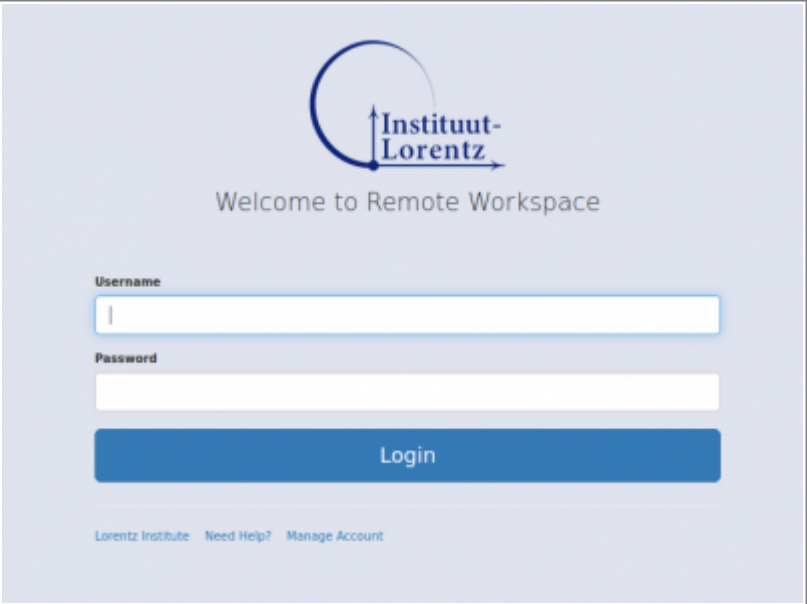
# Remote Workspace

The Lorentz Institute provides all of its users with access to a virtual workspace which emulates the Institute physical workstations and their custom software setup by means of only a web browser without the installation of plugins or extra software. The immediate advantages to the users are

|                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|
| Access to the Lorentz Institute workstation setup from the comfort of your laptop, wherever you are, and without VPN or SSH tunnels |
| Access to your documents/files at the Lorentz Institute from a web browser window without installing extra software                 |
| Access to intranet services as you were physically located in your office                                                           |

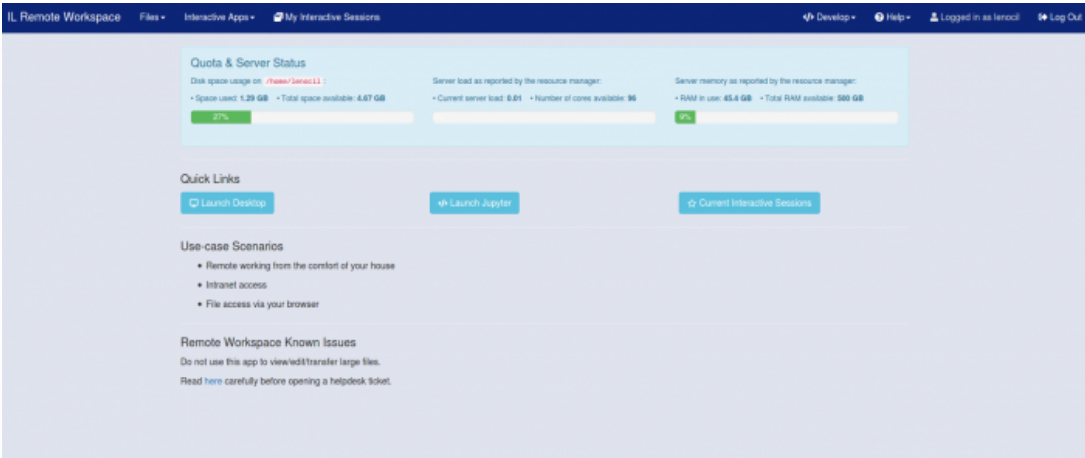
On this page you will find a short guide to get you started using IL Remote Workspace. The impatient can see these [example videos](#) (*accessible via intranet*).

## Login to Remote Workspace

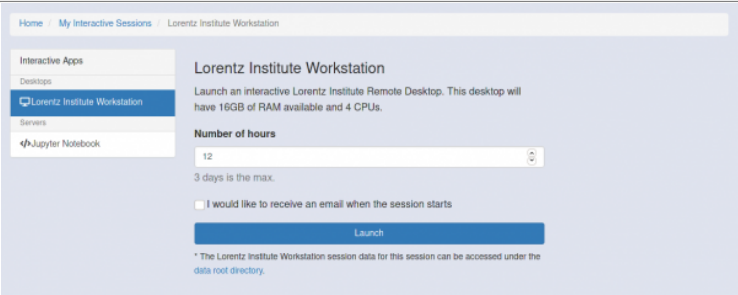
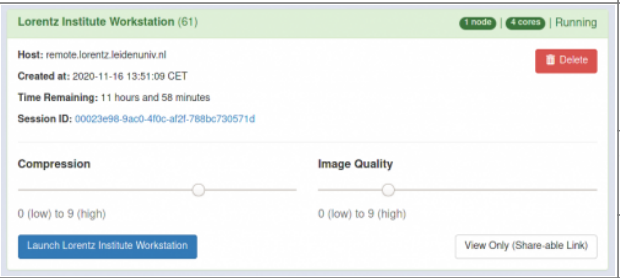
|                                                                                                                                                                                      |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Browse to<br><a href="https://remote.lorentz.leidenuniv.nl">https://remote.lorentz.leidenuniv.nl</a><br><i>Any modern browser would do, but Firefox and Chrome are advised</i>       |  |
| Access by using your <a href="#">Lorentz Institute credentials</a><br><i>Your username is the part preceding the @ symbol</i>                                                        |                                                                                     |
| Several failed login attempts will cause your IP to be banned<br><i>To unblock your IP address contact the <a href="#">helpdesk</a></i>                                              |                                                                                     |
| The <i>only</i> bookmark that will work is <a href="https://remote.lorentz.leidenuniv.nl">https://remote.lorentz.leidenuniv.nl</a><br><i>Other bookmarks will cause login errors</i> |                                                                                     |

## Using Remote Workspace

### Dashboard

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Start/monitor/manage your remote sessions via the Dashboard</p> <p>View/edit/create/transfer files</p> <p>The system GUI <u>cannot</u> handle large files (max 1GB is advised)</p> <p>Quota information and server status</p> <p>Do not ignore quota warnings, because many applications rely on free home space to work correctly</p> <p>The server should be able to handle up to 20 concurrent remote sessions</p> <p>Each interactive session allocates 4 CPUs and 16 GB RAM to a user</p> <p>A user can only request 1 session per time</p> |
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Interactive Apps

|                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Access Interactive Apps via the toolbar Interactive Apps menu or via the Quick Links buttons in the Dashboard. Choices are</p> <ul style="list-style-type: none"><li>- Lorentz Institute Workstation</li><li>- Jupyter Notebook</li></ul> <p>Workstations are preconfigured with several softwares</p> |                                                                                                 |
| <p>An interactive desktop or notebook (session) can last a max of 72 hours</p> <p>Past that mark, it will be terminated</p>                                                                                                                                                                               |                                                                                                                                                                                    |
| <p>Connectons to an unterminated (active) session is always possible even after logging out by clicking on My Interactive sessions toolbar menu</p>                                                                                                                                                       |                                                                                                                                                                                    |
|                                                                                                                                                                                                                        | <p>An interactive session tab reports</p> <ul style="list-style-type: none"><li>- session remaining time</li><li>- allocated resources</li><li>- link to debugging files</li></ul> |
|                                                                                                                                                                                                                                                                                                           | <p>The Session ID button will open a file browser to the session files</p> <p>Tune VNC compression and image quality for better experience</p>                                     |
|                                                                                                                                                                                                                                                                                                           | <p>Active sessions can be terminated by clicking on the DeLete button</p>                                                                                                          |

Files

Access your files by clicking on the Files dropdown menu on the toolbar

*Different users have access to different file locations*

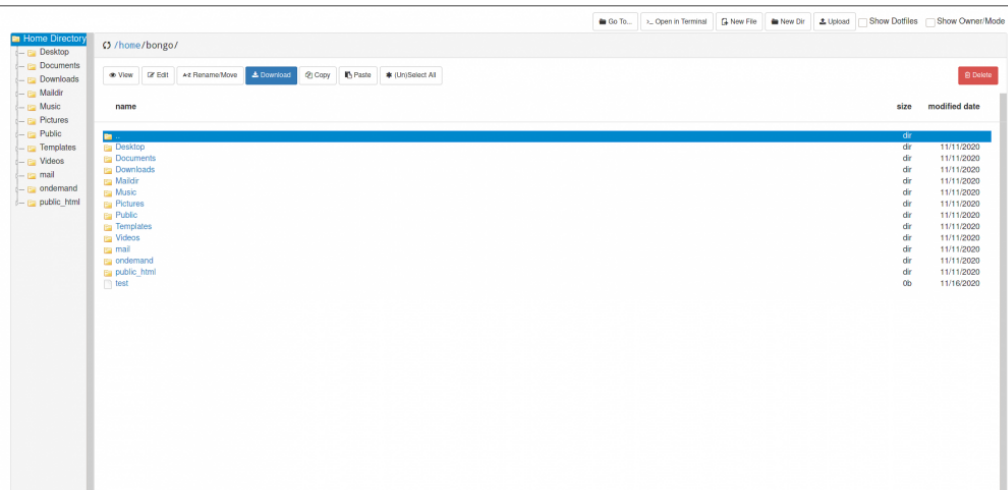
Seamlessly manage files stored on the IL disks

*Transfer files from/to your laptop using the browser*

*No extra software or browser plugins needed*

The GUI does not to work well with large files (max 1GB)

*Transfer large files from/to using your favorite sftp client to `ssh.lorentz.leidenuniv.nl`*



From:

<https://helpdesk.strw.leidenuniv.nl/wiki/> - **Computer Documentation Wiki**

Permanent link:

[https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute\\_lorentz:remote\\_workspace&rev=1605690227](https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute_lorentz:remote_workspace&rev=1605690227)

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