

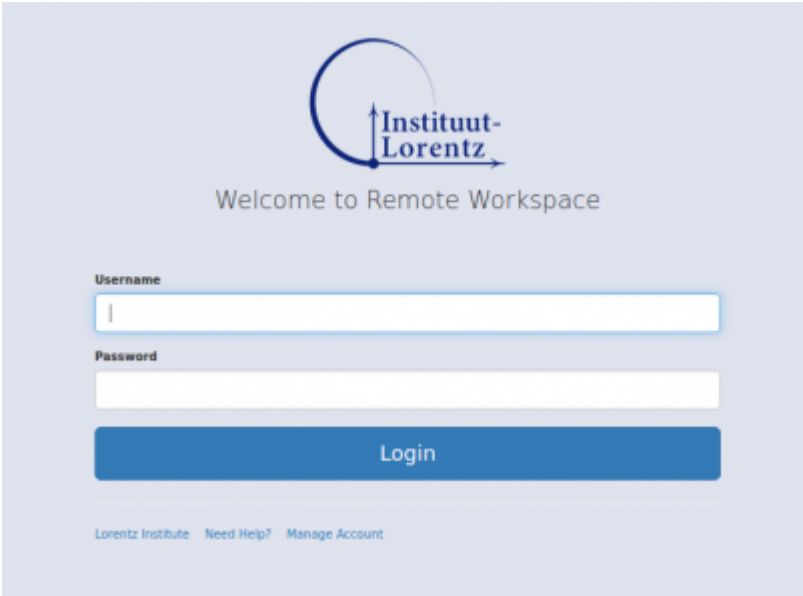
# Remote Workspace

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                                                           |

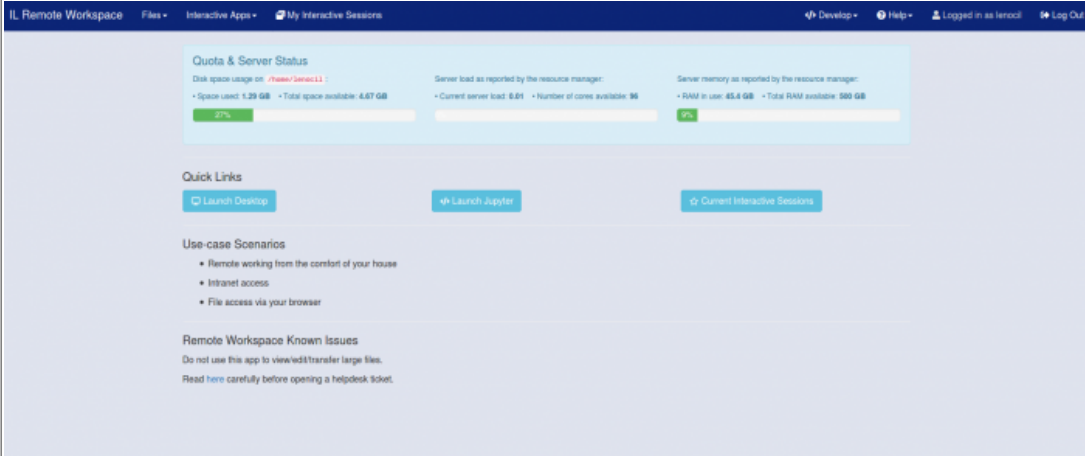
On this page you will find a short guide to get you started using IL Remote Workspace. The impatient can see these [example videos](#) (*accessible via intranet*).

## 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 <u>only</u> 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

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Access Interactive Apps via the toolbar Interactive Apps menu or via the Quick links buttons in the Dashboard. Choiches are                  |
| - Lorentz Institute Workstation                                                                                                              |
| - Jupyter Notebook                                                                                                                           |
| Workstations are preconfigured with several softwares                                                                                        |
| An interactive desktop or notebook (session) can last a max of 72 hours                                                                      |
| Past that mark, it will be terminated                                                                                                        |
| Connectons to an unterminated (active) session is always possible even after logging out by clicking on My Interactive sessions toolbar menu |
| An interactive session tab reports                                                                                                           |
| - session remaining time                                                                                                                     |
| - allocated resources                                                                                                                        |
| - link to debugging files                                                                                                                    |
| The Session ID button will open a file browser to the session files                                                                          |
| Tune VNC compression and image quality for better experience                                                                                 |
| Active sessions can be terminated by clicking on the Delete button                                                                           |

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

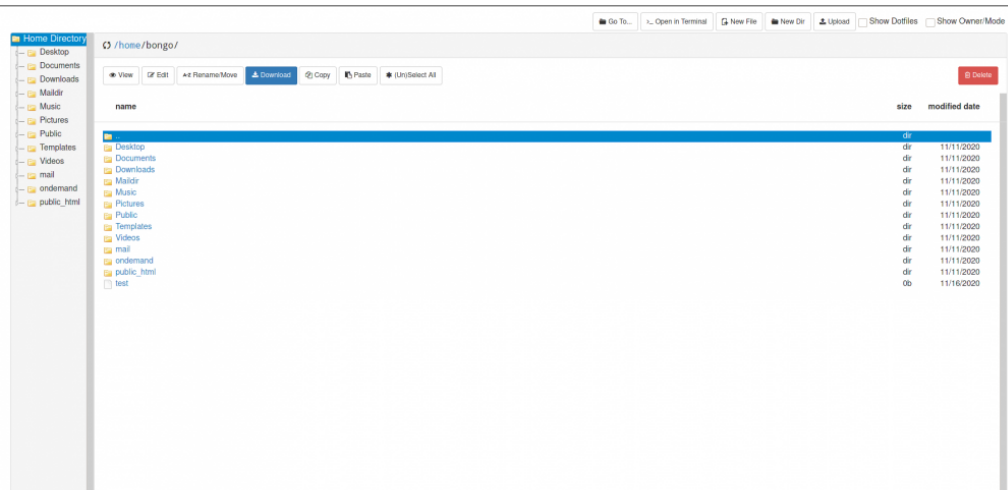
*Transfer files from/to your laptop using the browser*

*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.physics.leidenuniv.nl/wiki/> - Computer Documentation Wiki

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