

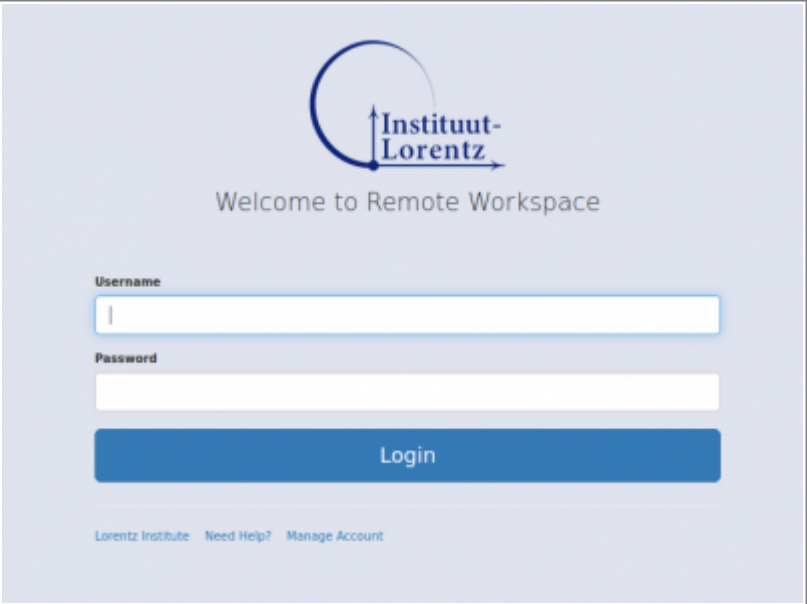
# Remote Workspace

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                                                           |

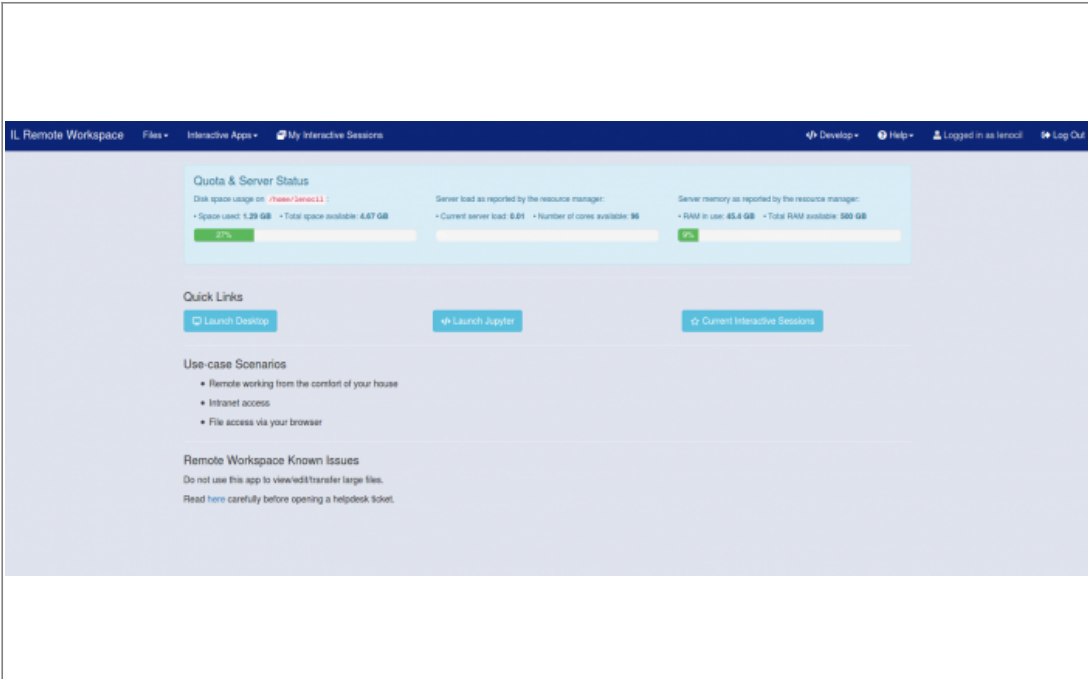
On this page you will find a short guide to get you started using IL Remote Workspace. The impatient can see these [example videos](#) (*accessible via intranet*).

## Login to Remote Workspace

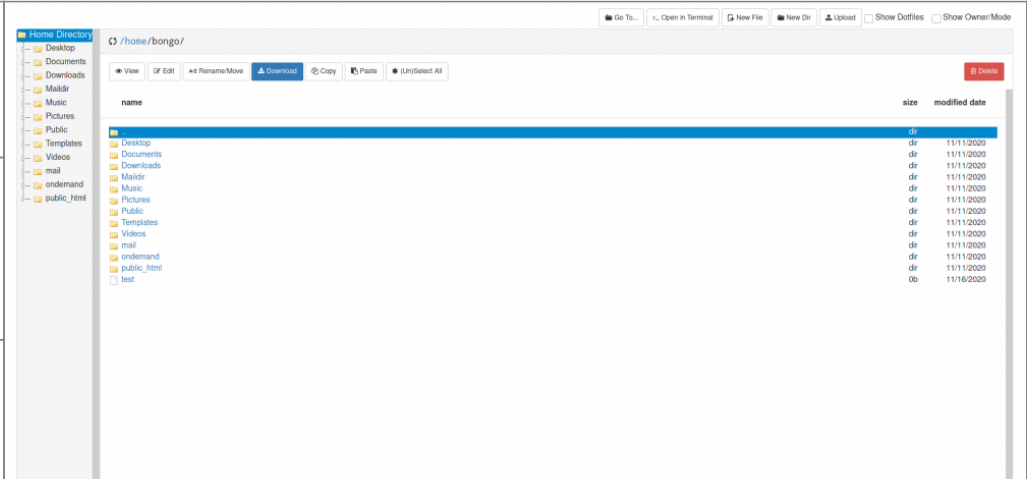
|                                                                                                                                                                                      |                                                                                     |
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| 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

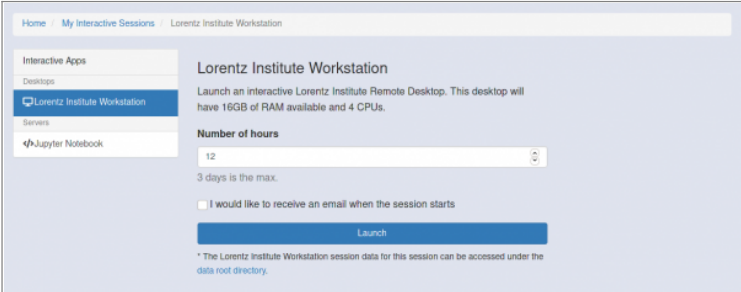
### Dashboard

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <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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## Files

|                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Access your files by clicking on the Files dropdown menu on the toolbar</p> <p>Different users have access to different file locations</p>                                        |  | <p>Seamlessly manage files stored on the IL disks</p> <p>Transfer files from/to your laptop using the browser</p> <p>No extra software or browser plugins needed</p> |
| <p>The GUI does <u>not</u> to work well with large files (max 1GB)</p> <p>Transfer large files from/to using your favorite sftp client to <code>ssh.lorentz.leidenuniv.nl</code></p> |                                                                                     |                                                                                                                                                                      |

## 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 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>An interactive desktop or notebook (session) can last a max of 72 hours</p> <p>Past that mark, it will be terminated</p>                                                                                                                                                                                  |
| <p>Active sessions can be terminated by clicking on the Delete button</p> <p>The Session ID button will open a file browser to the session files</p>                                   | <p>Connects to an unterminated (active) session is always possible even after logging out by clicking on My Interactive sessions toolbar menu</p>                                                                        |

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

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[https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute\\_lorentz:remote\\_workspace&rev=1605689685](https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute_lorentz:remote_workspace&rev=1605689685)

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