Access to LOFAR

How to get access to LOFAR facilities and become a participant in the project

How to become a participant in the project

- If you are part of one of the Astronomical Key Science Projects, please use your designated contact person.
- If you are part of one of the International partners of LOFAR, please contact your designated contact person.
- If you are not part of any of the above please see the information on this page: http://www.lofar.org/contact-lofar

News News News News News

- Page with updates on changes/developments at CEP
- *An error occurred while fetching this feed:* http://twitter.com/statuses/user_timeline/103791807.rss

How to get access to the LOFAR systems

Central Processing Systems

Once you are a participant of the project and you need access to the CEP systems as a programmer or scientist, you will need this information:

- Get your contact person (e.g., Michael Wise) to request an account on the systems and specify what permissions you'll need.
- Ensure that you can enter the portal node (`portal.lofar.eu`) with your new account.
- Learn the basics of the Lofar Login Environment available at Central Processing.
- Learn the overall layout and use of the central processing (CEP) systems
- Learn about the available packages
- Learn how to use ssh keys, ssh-agents and ssh port forwarding.
- Learn how to use the FreeNX client for compressed X11 output.
- Choosing strong passwords.

Some important notes about the CEP1 and CEP2 home directories

Please be aware of the following:

- You share your home directory with ~ 275 neighbors
- The observe system depends upon good availability

- The pipeline runs on CEP2 also depend upon good availability
- Home directories are subject to backup operations, more volume means more vulnerability
- Moving large volumes on home-directories on head nodes can stall all cluster-nodes!
- Keep your volume below 100GB (preferably less)
- Use `rsync –bwlimit=5000` (5 MB/s) when coping data, use single thread only!
- The weekends are used for observing!

Wiki

You will have to register. See The LOFAR wiki start page.

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https://www.astron.nl/lofarwiki/ - **LOFAR *Wiki***

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Last update: **2011-10-14 19:00**