

IT Survival Guide

Lorentz Institute For Theoretical Physics
(version 1/2021)

Account

- A Credentials are sent to your private email address.
 - B Change your credentials regularly.
 - C Extensions must be requested by your supervisor.
 - D All accounts have a grace period of six months.
- <https://www.lorentz.leidenuniv.nl/www/people/user/services>

Security

- A Never disclose your credentials.
- B We never ask for your credentials.
- C Change your password regularly.
- D Choose difficult-to-guess passwords.
- E Use a password manager.
- F Beware of phishing emails.
- G Use a VPN connection on insecure WiFi.
- H Lock your office door upon leaving.

Notable URLs

Website: <https://www.lorentz.leidenuniv.nl>
Helpdesk: <https://helpdesk.lorentz.leidenuniv.nl>
Webmail: <https://webmail.lorentz.leidenuniv.nl>
Remote Workspace: <https://remote.lorentz.leidenuniv.nl>
Videoconf: https://videoconf.lorentz.leidenuniv.nl***
Gitlab: <https://gitlab.lorentz.leidenuniv.nl>
EduArXiv: https://education.physics.leidenuniv.nl*
XmarisOnDemand: https://xmaris.lorentz.leidenuniv.nl:4433*
SAP SelfService <https://remote.campus.leidenuniv.nl>

Email

Webmail

<https://webmail.lorentz.leidenuniv.nl>

Email Clients

IMAP: mail.lorentz.leidenuniv.nl:993 SSL/TLS
SMTP: mail.lorentz.leidenuniv.nl:465 SSL/TLS

Email large files

<https://filesender.surf.nl>
Login using your ULCN credentials

GNU/Linux workstations

OS: Fedora

Disks

/home NFS,permanent, ~4GB/user
/disks/misc NFS,permanent,no-quota
/data[1,n] local,temporary,no-quota
/data[1,n] access schema
`ls /net/workstation-name/data[1,n]`

Remote working

Only Web browser needed!
URL: <https://remote.lorentz.leidenuniv.nl>
OS: Red Hat
Credentials: IL

Virtual workstations

16GB RAM and 4CPUs (max 3 days)

Extra applications

Jupyter: *16GB RAM and 4CPUs (max 3 days)*
Matlab: *16GB RAM and 4CPUs (max 3 days)*
Mathematica: *16GB RAM and 4CPUs (max 3 days)*
Shell: *16GB RAM and 4CPUs (max 1 hour)*

Printers

*lorentz_medium** (HP Color LaserJet M553)
`ipp://printers.lorentz.leidenuniv.nl/printers/lorentz_medium`
*lorentz_small** (HP Color Laserjet 3000dn)
`ipp://printers.lorentz.leidenuniv.nl/printers/lorentz_small`

Wireless Networks

- 1 UL-STRW-LION
Domain: Lorentz
Credentials: IL
- 2 Eduroam
Credentials: ULCN
- 3 Leiden University
Credentials: ULCN

Request guest WiFi account: three steps

- 1 - Visit <https://eva.eduroam.nl>
- 2 - Login using your ULCN account
- 3 - Create a guest/visitor

xmaris cluster

OS: CentOS
Access is **not** automatically granted
Discuss & request access with Xavier Bonet
Help: support@lorentz.leidenuniv.nl

Headnode

`xmaris.lorentz.leidenuniv.nl` * (listening on port 22)

xmaris OnDemand

`https://xmaris.lorentz.leidenuniv.nl:4433` *

xmaris disks**

/scratch local,temporary,no-quota (all nodes)
/home NFS,permanent,10GB/user (all nodes)
/marisdata NFS,permanent,2TB/user (all nodes)
/IBSSD iSER,temporary,no-quota (maris0[78,79,80,81])

xmaris live status

cmd line: sinfo
web: https://xmaris.lorentz.leidenuniv.nl/ganglia

xmaris software: module command

list software: module available
info software: module spider foss/2018a
load module: module load foss/2018a
unload module: module unload foss/2018a
unload all modules: module reset
unload all but system default modules: module restore

VPN

Requests of VPN profiles and
Reports of compromised/stolen VPN profiles to
support@lorentz.leidenuniv.nl

Tested VPN clients (OpenVPN v2.3+)

GNU/Linux: OpenVPN
Windows: OpenVPN
MacOS: Tunnelblick
Android: OpenVPN
iOS: OpenVPN

SSH Gateway

`styx.lorentz.leidenuniv.nl` (listening on port 22)

SSH Tunnels/Proxies Examples

A: *johnny* connects to *xmaris* via *styx*
`ssh -o ProxyCommand="ssh -W %h:%p johnny@ssh.lorentz.leidenuniv.nl" johnny@xmaris`
B: *johnny* connects to *dummy's* VNC :1 via *styx*
In Terminal 1 type:
`ssh -NL 5901:dummy.lorentz.leidenuniv.nl:5901 johnny@styx.lorentz.leidenuniv.nl`

In VNC viewer open:

`vnc://localhost:5901`

C: *johnny* proxies http/https via *styx*

In Terminal 1 type:

`ssh -ND 8888 johnny@styx.lorentz.leidenuniv.nl`

Set your Web Browser such that:

Network Settings → Proxy connection →

SOCKS5 Proxy → URL localhost:8888

SAP self service

<https://remote.campus.leidenuniv.nl>

Use your ULCN credentials

Purchases

bestellingen@lorentz.leidenuniv.nl

Email SAP number and details purchase

Credentials 101

Your email addresses:

IL: johnny@lorentz.leidenuniv.nl

ULCN: johnny@leidenuniv.nl

Your usernames:

Lorentz Institute Web Apps: johnny

Leiden University Webmail: johnny

SAP SelfService: johnny

Microsoft Office 365: `VUW\johnny@vuw.leidenuniv.nl`

EduRoam: johnny@leidenuniv.nl

* Only available via VPN/internal

** Quotas do not apply to cluster owners

*** Access upon request

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