

# Lorentz Institute Printers

Members of the Institute can print on any of the following printers when on-campus

| Name           | Location                      | Type  | Model                             | Connection                                                      |
|----------------|-------------------------------|-------|-----------------------------------|-----------------------------------------------------------------|
| lorentz_small  | Corridor<br>Oort 2nd<br>floor | Color | HP<br>Color<br>LaserJet<br>cp4520 | ipp(s)://printers.lorentz.leidenuniv.nl/printers/lorentz_small  |
| lorentz_medium | Corridor<br>Oort 2nd<br>floor | Color | HP<br>Color<br>LaserJet<br>M553   | ipp(s)://printers.lorentz.leidenuniv.nl/printers/lorentz_medium |
| oort1-color    | Corridor<br>Oort 1st<br>floor | Color | HP<br>Color<br>LaserJet<br>cp2025 | ipp(s)://printers.lorentz.leidenuniv.nl/printers/oort1-color    |

## Printing from GNU/Linux Workstations

### Via any Application GUI

All Lorentz Institute printers have been pre-configured and are ready to be used on your GNU/Linux workstation. These should appear in a drop-down menu of the print panel of the software you are using to print.

### Printing From the Terminal

| Command                    | Description                                    |
|----------------------------|------------------------------------------------|
| lpstat -p                  | Display a list and state of available printers |
| lpr -Pprinter-name doc.pdf | Print doc.pdf on printer-name                  |
| lpstat -v                  | Display Printers connecton info                |

## GNU/Linux, MacOS personal desktops and laptops

Connect to the UL-STRW-LION wireless network or use a cabled connection if that is available in your office <sup>1)</sup>.

We advise you use the [CUPS software](#) to install any of the IL printers.

| Steps to Install the lorentz_medium printer <sup>2)</sup>                                       |
|-------------------------------------------------------------------------------------------------|
| Browse to <a href="https://localhost:631">https://localhost:631</a> (CUPS)                      |
| Select the administration tab (insert your <u>personal device account credentials</u> if asked) |
| Click on Add new printer                                                                        |
| Select ipp printer                                                                              |
| Sse ipp(s)://printers.lorentz.leidenuniv.nl/printers/lorentz_medium as connection               |

## Steps to Install the lorentz\_medium printer <sup>2)</sup>

Select the right manufacturer (HP in this case)

Select IPP everywhere or, if that is not available, the driver corresponding to the printer model (see [table above](#)) from the drivers list

Push add to finalise

Pptionally you can configure the printer to print double side

You can repeat the steps above to install any other printer. Just change the printer name accordingly.

## PCL driver

In Mac OS you can also use a PCL driver to install your printer. Using this latter will result in black-and-white printing only.

## Printing from Laptops and other mobile devices

In principle you could use all the steps mentioned above for the Mac users. If your device does not have cups, you could use any software that is available on your client to set up printers.

The only important thing to bear in mind is that you should be connected to UL-STRW-LION. Other wireless networks will not allow you to print on the IL printers.

<sup>1)</sup>

The network sockets you can use with your personal devices are labelled *laptop*

<sup>2)</sup>

tested with several GNU/Linux distros and with Mac OS Mojave

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