

linux

Printing via UZHPrintPlus

Official ZI Page: [UZH Print Plus](#)

Recommended for students.

Printing is possible via WLAN *UZH*, but **not** via WLAN EduRoam.

Printing via MATH/DM3L-Print server

Recommended for institute members.

Printing is possible via LAN aswell as WLAN *UZH* & *EduRoam*

IMATH-Account required. [Create I-MATH Account](#)

Adding Printers

Institute

- **Info:** Insitute Printers are the ones named after certain rooms (where the printer is located) e.g k30, j11 etc.
- **Add Printer:** Open a Terminal and type the following command:

- Make sure to insert the real printer name (e.g "k30") in the place holder <printer-name>

```
sudo lpadmin -p <printer-name> -E -v ipp://print-  
mac.math.uzh.ch:443/printers/<printer-name> -m everywhere
```

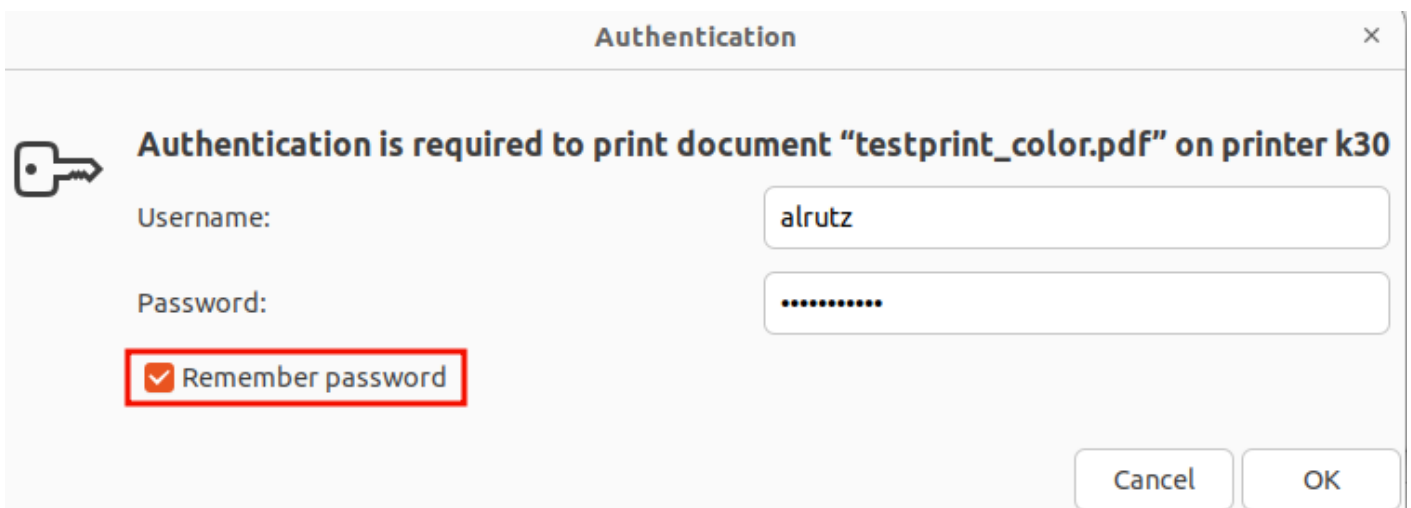
UPP

- **Info:** UPP Printers are the ones located on k and j floor (public) e.g k, j, kcolor, jcolor
- **Add Printer:** Open a Terminal and type the following command:
 - Make sure to insert the real printer name (e.g "kcolor") in the place holder <printer-name>

```
sudo lpadmin -p <printer-name> -E \  
-v ipp://print-mac.math.uzh.ch:443/printers/<printer-name> \  
-m raw \  
-o auth-info-required=username,password
```

Authentication

- **Info:** Both Institute & UPP Printers require LDAP-Authentication in order to print. (IMATH-Credentials)
- **Authenticate:** After adding a printer, the first print-job will not ask to authenticate (won't print), just **print it again**. On the *second* attempt, you will be prompted for your IMATH-Credentials (shortname+password: same as for MY, MADE, Thinlinc)
 - Make sure to tick the box "Remember password", so you will never be prompted for credentials on this printer again.



Authentication

Authentication is required to print document "testprint_color.pdf" on printer k30

Username: alrutz

Password:

☒ Remember password

Cancel OK

Booklet Printing

Only available on specific UPP Printer-Queues (jcolor_booklet & kcolor_booklet)

- 1.) Add the following printer: `jcolor_booklet` or `kcolor_booklet` ([Adding UPP Printers](#))
 - Important: jcolor or kcolor will not work, it has to be the booklet queue!
- 2.) After the printer is added and you are in the Print Dialog, make sure you set the following:
 - Paper Setup: A4
 - Do **NOT** select "Booklet" under Handling - **Print it as if it was a regular File.**

Troubleshooting

- You may have discovered that all the Institute Printers are listed in the print-dialog "General"- Tab, even if you haven't added them.
 - **Printing on them will not work, since there is no way to authenticate!**

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