

Printing at Print & Plot, SCC South

For more details, see scc.kit.edu/printundplot and scc.kit.edu/pp-faq.


Available Printers

“CS-A3/A4-Schwarz/Weiß-Zentraldrucker“

Black & white simplex/duplex production laser printers (600dpi, grey shading using dithering). Grammage: only P&P provided paper, 80 g/m²

“CS-A3/A4-Farbe-Zentraldrucker“

Full color simplex/duplex production laser printers (600 dpi). Grammage: only P&P provided paper, 100 g/m² bright white.

“CS-Vorschau-A3/A4-...-Zentraldrucker”
currently ooo! By selecting a “Vorschau” (preview) printer, the print image may be checked online at  *Druckvorschau* (print preview) prior to confirming printout.

A-/B-/C-/...-Pool-Printer


All SCC PC pools dispose of a 600 dpi A4-B&W-duplex laser printer (only recycling paper) which is limited to 50 pages per job. These printers are accessible only via pool PCs.

“CS-Großformat Normal-“ & “Fotopapier-drucker” (Large format printers, “lfp”)

300 dpi printers, max. print width 890 mm. Grammages: coated plain (130 g/m², “Normalpapier”), semi-gloss photo (190 g/m², “Fotopapier”).

Students: printing **restricted** to Campus South. See also *flyer* “4.4 Large Format Printer”

Access to the central printers

Our printers may be accessed by *Direktdruck* or *webPRINT*. Access from outside the KIT net exclusively via VPN tunnel  scc.kit.edu/vpn

Directprint from own PC / Mac

by connecting to the central printers of Print & Plot. Large format printers only accessible via *webPRINT*!

Directprint on Windows 10

1. In “Start“ > “Run“ enter:
 - `\\scc-print-srv2.scc.kit.edu`
2. Enter username & password: If domain “KIT” does not appear, enter “KIT\<account>” (e.g. student: KIT\uabcd, employee: KIT\ab1234)
3. In new window choose printer by double clicking or right mouse button => “Connect”:
 - CS-A3_A4_SW-Zentraldrucker
 - CS-A3_A4_Farb-Zentraldrucker
 - ~~CS-Vorschau_A3_A4_SW-Zentraldrucker~~
 - ~~CS-Vorschau_A3_A4_Farb-Zentraldrucker~~

The printer appears in the printer selection list.



When login off / restarting the PC, the VPN-tunnel will be lost. To regain printer access, you will have to reestablish a VPN-tunnel. Then reconnect as above:

```
\\scc-print-srv2.scc.kit.edu
```

TIP: Drop command shortcut on/in Desktop/Startup directory

Directprint on Mac (OS X Leopard, Mountain L.)

!!! Hinweis: neue PPDs ab 09.2022 und 10.2022 !!!

1. Download *PPD* for desired A3/A4 central printer  scc.kit.edu/pp-tools > *PPD (PostScript Printer Description)*
2. ““ > “System Preferences“ > “Printers & Scanners“ > “+“
 - 2.1. UCC adjust toolbar of recently opened “Add“-dialog: Right click on toolbar => “Customize Toolbar...“ => Drag & drop “Advanced“-button onto toolbar in “Add“-dialog => “Done“.

3. Open “Advanced“ in toolbar and complete...
 - 3.1. Typ: “**Windows printer via spoolss**“
 - 3.2. Device: “**Another Device**“
 - 3.3. URL: Enter one of both URLs below (run twice for B&W & color printer):
 - `smb://scc-print-srv2.scc.kit.edu/CS-A3_A4_SW-Zentraldrucker`
 - `smb://scc-print-srv2.scc.kit.edu/CS-A3_A4_Farb-Zentraldrucker`
 - 3.4. Name: arbitrary (your private printer’s name)
 - 3.5. Location: arbitrary
 - 3.6. Use: “Other“ => *browse to ppd download location* => *select your PPD file* => “**Open**“ => *choose printer* => “**Add**“
4. UCC in Mountain Lion: activate „CUPS“
 - In **Terminal.app** enter command:

```
cupsctl WebInterface=yes
```
 - You are prompted for username & password with your first print order.

webPRINT


PDFs may be uploaded with a web browser (scc.kit.edu/webprint) to the A3/A4- and large format printers

 *flyer* “04.3 Printing via webPRINT”

Note: Using *webPRINT*,

- all page layouts (“N-up“, “Booklet“, paper size etc. must be embedded in the PDF file.
- Fonts should be embedded as **softfonts**
- File size/upload volume: max. 500 MB

Note: Large format printers...

- PDF is limited to 1 page/file (1 poster) only!
-  *flyer* “04.4 Large Format Printer”

Status / Waiting queue

Progress of print jobs (print workflow) is displayed online for any device

- A3/A4-b&w-printer: scc.kit.edu/pp-sw
- A3/A4-color printer: scc.kit.edu/pp-farbe
- Lf-Normalpaper: scc.kit.edu/pp-normalcs
- Lf-Photopaper: scc.kit.edu/pp-fotocs

Status "fertig" (done) only states successful RIP & job transfer to printer. **Hand-out still depends on printer queue, print duration, sorting & takes i.g. 20+ mins.**

A3/A4 jobs are stored 3 calendar weeks, expire date & change of cover sheet: friday, 6:00 pm. We recommend early pickup!

Print account & prices

Your print account is visible online and must be upgraded from the KIT-Card via terminals at Print & Plot, R-151.1. Lack of credit will address an E-Mail to your KIT user account. Your print account will be checked every ¼ h. and waiting jobs be executed automatically if applicable. Resending a job will result in another copy! After 7 days, jobs will be deleted.


☞ scc.kit.edu/pp-konto (print account)

☞ scc.kit.edu/pp-preise (price list)

General hints & tips

- **New session:** Check printer options first!
- **Wrong page formats** will not be adjusted, jobs are printed as they are or discarded (PowerPoint sheets, engl./US paper formats)!
- Unprintable PDF/PS: Create new PDF/PS with **PDF24/GSview** or a similar tool. Else (less

quality), convert file to a rasterized image file and send this file to the printer: "File" > "Print" > "Preferences" > "Advanced" > "Print as Picture"

- **Preview Printing** ("Vorschau") is reasonable with:
 - Large documents/multiple copies
 - Fonts: For PDFs, always use „download as Softfont“ in: "Printing" > "Printing Preferences" > "Advanced" > "TrueType Font."
 - "N-up", booklet: Create PDF with desired layout and send this PDF to printer
 - Muplex (rotating sheet over top edge)
- **Test printout**, checking "printer color response":
 - PNG-templates (fault: KIT-Logo = bright green)
 - On LCD displays seemingly clean (white) edges of graphical elements (text and alike, not photos) in JPEG/JPGs show dirty clouds on printouts
 - 1-bit b/w objects: Convert to 8-bit greyscale
- **Embedded images/graphics:** Max. 600 dpi
- **NOTE:** More tips () ☞ scc.kit.edu/pp-faq

Contact

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04.1 Printing at SCC from Pools & Notebook



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