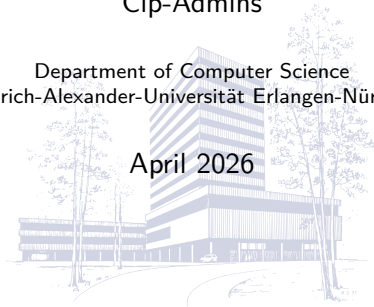


Computer Science CIP-Pool

Cip-Admins

Department of Computer Science
Friedrich-Alexander-Universität Erlangen-Nürnberg

April 2026



Overview

- 1 Introduction
- 2 Working at the CIP-Pool
- 3 Behavior in the CIP-Pools
- 4 Door locking system
- 5 Problems, Questions, ...

„CIP-Pool“

Where does the name come from?

- originally: initiative with the name „**C**omputer-**I**nteraction-**P**rogramm“ started by the federal government and states in order to finance computer systems for educational purposes
- nowadays: general name for computer rooms at universities

CIP-Admins

Who are we?

- Students
- Student assistants at the Department of Computer Science

CIP-Admins

Who are we?

- Students
- Student assistants at the Department of Computer Science

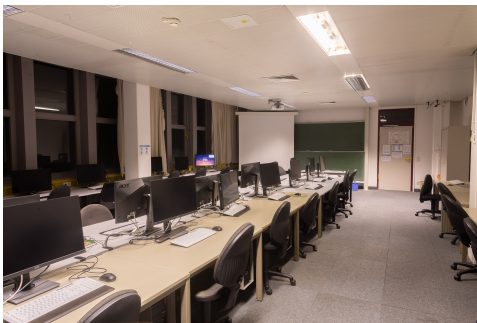
Responsible for ...

- Hard- and software at the CIP-Pools
- Door locking system
- GitLab
- End user support
- Usage guidelines

CIP-Pools at the Department of Computer Science

tl;dr

- 8 rooms
- about 250 workstations
- Debian GNU/Linux
- 3 printers/scanners (one color printer)



Overview

- 1 Introduction
- 2 Working at the CIP-Pool
 - Login and password
 - Working directories
 - Email
 - Printing
 - Remote login
 - Software
 - Gitlab
- 3 Behavior in the CIP-Pools
- 4 Door locking system

Login and password

Login

FAU Friedrich-Alexander-Universität
Erlangen-Nürnberg

FAUcard

**Manuela
Mustermann**



Matrikel-Nr. 123456789ABC

Gültig: 01.04.2022 - 30.09.2022

Valid: 01/04/01 - 12/09/30

IDM-Benutzerkennung: xy12abcd

Studierendenausweis / Student Identity Card

Login and password

Your CS department CIP-Pool user account is independent from your RRZE-Account (IdM, campo, ...).

Account registration (local)

- Click on **Account Management**
- Authorize via SSO
- Wait

Account registration (online)

- People might not be able to be on site
- Online registration is possible at
⇒ `account.cip.cs.fau.de`

Home directory

There's no place like \$HOME

- Primary working directory: (/home/cip/<year>/<login>)
- Limited storage space: 8 GB
- Nightly backups

Temporary storage space

/proj/ciptmp

- Create personal directory (/proj/ciptmp/<login>)
- Quota: 16 GB
- Read the README: /proj/ciptmp/README
- **No backups!**

AI specifics

IMPORTANT!

- don't train your models in \$HOME!
- don't train your models in /proj/ciptmp!

AI specifics

IMPORTANT!

- don't train your models in \$HOME!
- don't train your models in /proj/ciptmp!

Where else?

- /tmp or /var/tmp

Why?

- Storage space and IOPS.

Warning!

- /tmp and /var/tmp are emptied regularly!

Email

Email address

- <login>@cip.informatik.uni-erlangen.de
- <login>@cip.cs.fau.de
- Mails are forwarded to your @fau.de address by default

Printing

Accounting

- You will be able to pay using your FAUcard

Remote login

Login via SSH

- Possible on all CIP-Clients
- Naming scheme: `cip???.cip.cs.fau.de`
- E.g. `cip4a0.cip.cs.fau.de` or `cipterm0.cip.cs.fau.de`
- „always-online“ on our website^a

^awww.cip.cs.fau.de/documentation/services.en.html

Graphical login via Xpra

- Tutorial on our website^a

^awww.cip.informatik.uni-erlangen.de/documentation/xpra.en.html

Gitlab

<https://gitlab.cs.fau.de>

Do

- use for university projects
- collaborate with fellow students

Don't

- upload non-code data (BLOBs)

Overview

- 1 Introduction
- 2 Working at the CIP-Pool
- 3 Behavior in the CIP-Pools**
- 4 Door locking system
- 5 Problems, Questions, ...

Usage guidelines

Most important points

- Do not install software
- No abusive activity (filesharing, etc.)

The complete guidelines can be found at
www.cip.cs.fau.de/cipPools/rules

You agree to our usage guidelines by logging in to one of our systems

General conduct

- No food or drinks (except water)
- Keep the workplace clean
- Be quiet
- **Have consideration for others**

No manipulation of the hardware

Exceptions

- Turn on computers
- USB storage media

Overview

- 1 Introduction
- 2 Working at the CIP-Pool
- 3 Behavior in the CIP-Pools
- 4 Door locking system**
- 5 Problems, Questions, ...

Opening hours

Access with your student card

- Request access via IDM. (*Door Access - Computer Science Tower*)
- Don't keep doors open manually
- Do not open doors for other people

Opening hours

working days 8:00 - 20:00

More details wwwcip.cs.fau.de/cipPools/roomIndex.en.html

Overview

- 1 Introduction
- 2 Working at the CIP-Pool
- 3 Behavior in the CIP-Pools
- 4 Door locking system
- 5 Problems, Questions, ...**

Consultation hours and contact

Consultation hour

week 1 Monday at 2 pm & Friday at 12 am in CIP1 (01.155-113,
first floor in the blue tower)

during the semester according to notice & website

Information, Contact

web wwwcip.cs.fau.de

mail problems@cip.cs.fau.de