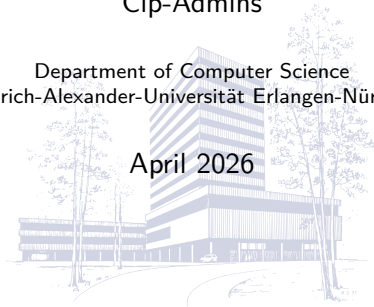


# Computer Science CIP-Pool

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

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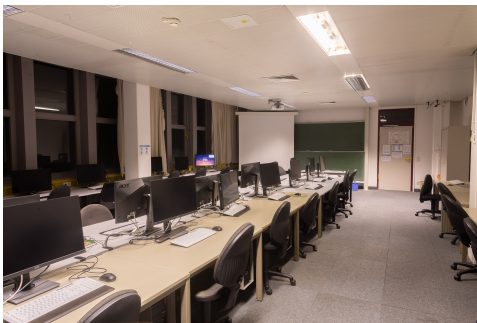
## Responsible for ...

- 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
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# Login and password

## Login

**FAU** Friedrich-Alexander-Universität  
Erlangen-Nürnberg

**FAU**card

**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!

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## 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<sup>a</sup>

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<sup>a</sup>[www.cip.cs.fau.de/documentation/services.en.html](http://www.cip.cs.fau.de/documentation/services.en.html)

## Graphical login via Xpra

- Tutorial on our website<sup>a</sup>

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<sup>a</sup>[www.cip.informatik.uni-erlangen.de/documentation/xpra.en.html](http://www.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)

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# Usage guidelines

## Most important points

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

The complete guidelines can be found at  
[wwwcip.cs.fau.de/cipPools/rules](http://wwwcip.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

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# 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 [www.cip.cs.fau.de/cipPools/roomIndex.en.html](http://www.cip.cs.fau.de/cipPools/roomIndex.en.html)

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# 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](http://wwwcip.cs.fau.de)

**mail** [problems@cip.cs.fau.de](mailto:problems@cip.cs.fau.de)