How to IT

IT at TUM

set@fs.tum.de
Overview

1. TUMonline
   ▶ How to not forget to register for exams.

2. Moodle
   ▶ Where to find worksheets.

3. All the other shenanigans
   ▶ a.o.t. How to have Wifi at uni.
TUMonline
Moodle
Your Computer

- No special requirements for stats or performance
- Windows not mandatory
- Don’t be scared of Linux!
  - Debian / Fedora good for beginners
Infrastructur in MI

- Run by the RBG
  Helpdesk in the small computerhall
- 'Rechnerkennung': Infopoint Informatics/Mathematics
- Scanning: at every printer in the building
Computerhall (IT/Maths)

- Between finger 5 und 7, ground floor
  Divided in small and big computerhall
- Windows / Linux workspaces
- Login: Rechnerkennung
- Remote via SSH / rdp
- Printing
Printing (IT/Maths)

- Printer in small computerhall
- Print quota at the script sales office
  100 pages 3,50€
  Opening hours: f mpi.de/script

- How to print?
  → Computerhall: Printingdialog
  → SSH: lp [filename].pdf
Computer and Printing (Physics)

- Directly at the entrance on the right site in front of the student councils office
- Login with the LRZ-ID
- Printing: Free printing quota per month $\sim 60$ pages
ID’s

- **LRZ-ID**: ga12nac
  - mytum-ID: ga12nac@mytum.de

- Maths/IT: Rechnerkennung: **doejo**
  - E-Mail: doejo@in.tum.de / doejo@ma.tum.de
E-Mail

▶ Management of addresses via TUMonline
  Usefull (create): surname.lastname@tum.de
  ▶ Mail can be send to the mailbox or be passed on

▶ Check via mail.tum.de or Mail-Program
  Tutorial: https://doku.lrz.de/pages/viewpage.action?pageId=19103885

▶ IT/Maths: E-Mail-Account of the RBG at webmail.in.tum.de
Security

▶ Your TUMonline-password is everything
▶ Use a Password Manager, i.e. Keepass
▶ A good password has >10 characters out of 3 of the 4 groups
  1. Lowercase letters
  2. Uppercase letters
  3. Numbers
  4. Special characters
▶ Sentences to memorize password work well!
Passwords

- If someone has your TUMOnline password, you have a problem
- Validity of the TUMOnline password:
  - TUM Online
  - Moodle
  - Mail
  - Eduroam
  - LRZ Services (sync and share, gitlab, VPN)
  - Everywhere where the TUM Shibboleth lives
- Therefore: “123456” is not a particularly useful password!
Can i haz Internetz?

- Wifi
  - eduroam
  - BayernWLAN
  - LRZ → via VPN
  - Everything else: Don’t! Just don’t.

- Login eduroam:
  - User: lrzkennung@eduroam.mwn.de
  - Pass: TUMonline password

- Instructions:
  - https://www.lrz.de/services/netz/wlan/eduroam/
Security with eduroam

- Store certificate! (also on your phone!)
- Instructions at http://lrz.de/services/netz/wlan/eduroam
How to get free software

▶ TUMonline Mainpage → Software
  License for M$ products and other
  ▶ In case you need Windows at some point...

▶ Via TUM E-Mail-Adress a.o.t.:
  ▶ JetBrains IDEs
  ▶ Autodesk Software
LRZ Services

- **VPN**
  External access to services that require a MWN IP
  Instructions: https://www.lrz.de/services/netz/mobil/vpn/

- **Gitlab**
  No public repositories

- **Sync and share**
  Loses data sometimes
Unilibrary and Paper

- Website of the library: ub.tum.de
- OPAC (ub.tum.de/opac): Look for and order literature
  ⇒ Tip: Choose your pickup location wisely!

- Scientific searchengine (Scopus, Google Scholar, …)
eAccess – E-Mediaaccess of the unilibrary

- Free access to E-Books and papers of different publishers and vendors
  - i.e. Springer, ACM, IEEE, ...

- Bookmarklet: https://ub.tum.de/bookmarklet-eaccess
  ⇒ You can put this into your Bookmarks.
Shenanigans

- Onlinestorage of TUM: syncandshare.lrz.de
- Matching Plattform of the IT-Department: matching.in.tum.de
- Online LaTeX Editor: sharelatex.tum.de
- Roomfinder: roomfinder.tum.sexy
- Collection of useful links: tum.sexy
Dont’s of exams

For graded homework, lab courses etc.:

- Handing in last years sample solutions
- Handing in your friends solutions
- Trying to bribe the course supervisor
- False declarations
- Intellectual property infringement
- Impairment of the research activities of others
- False accusations
- Over all: Plagiarism