



How to IT

IT at TUM

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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



Infrastruktur 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: fsmpi.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 ~ 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!

OPAC	Bücher, E-Books, Zeitschriften, E-Journals suchen		
OPACplus	Abholort	<input type="text" value="— Auswählen —"/>	
E-Journals	E-Medien nutzen? eAccess nicht vergessen!		Zum Bibliothekskonto
Datenbanken			
mediaTUM			

- ▶ 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