




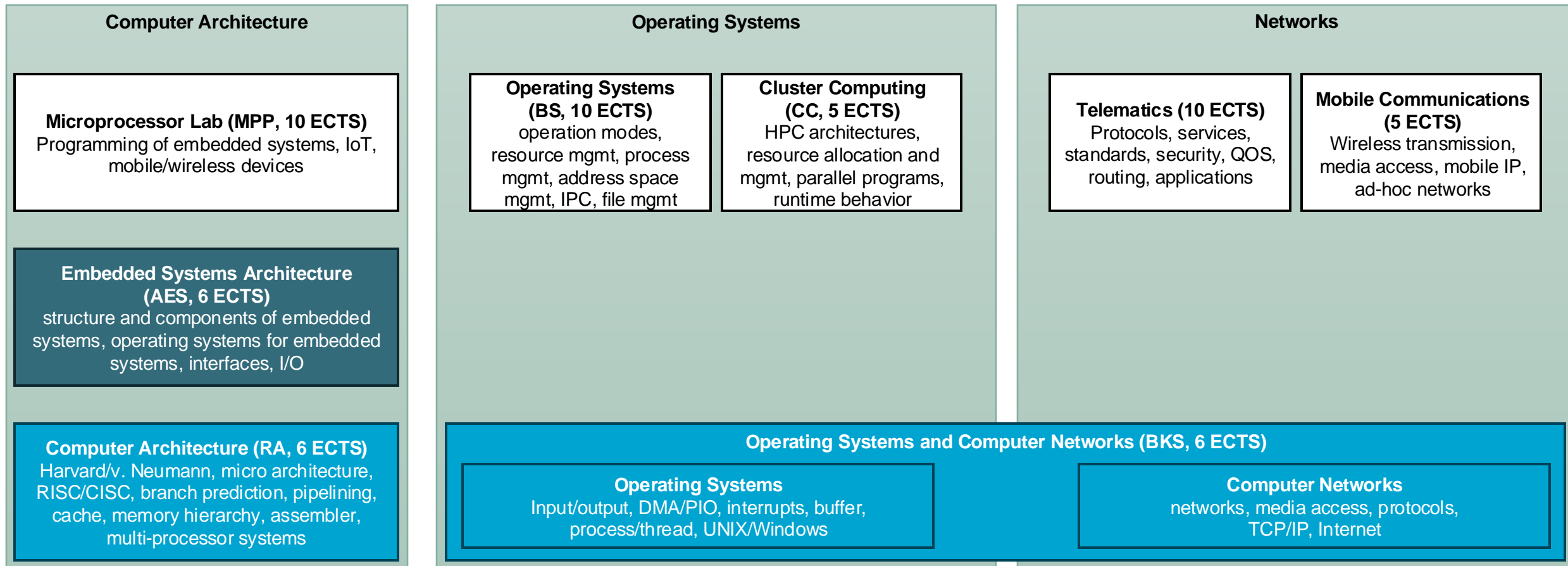
Operating Systems & Computer Networks

0. Organization

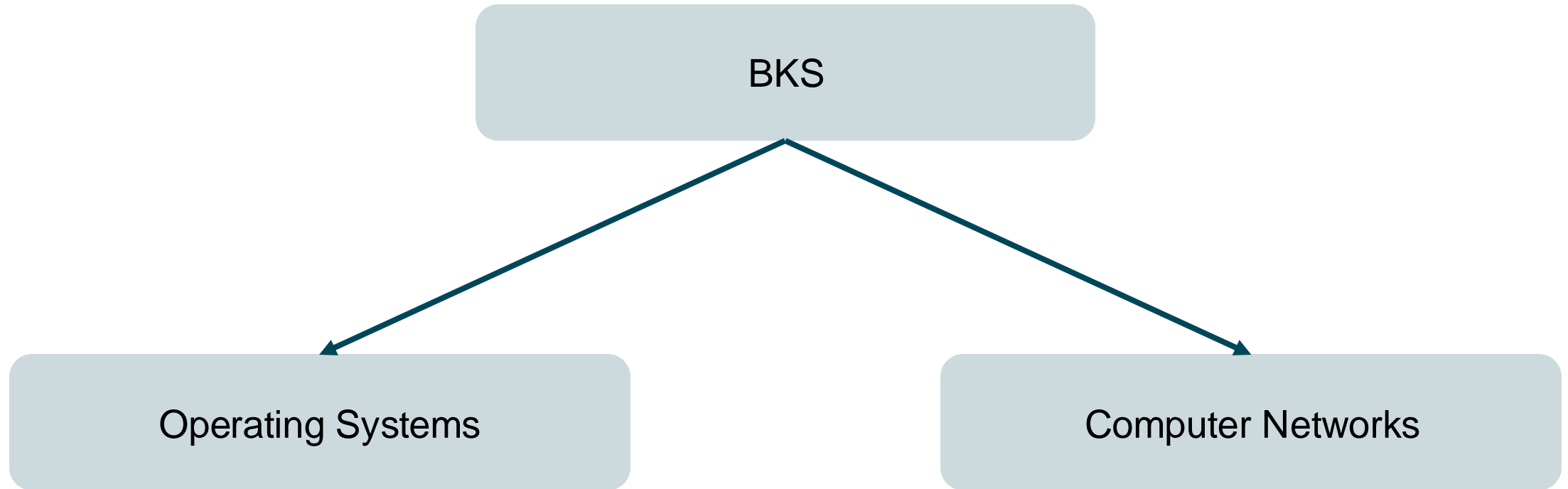
Dr. Larissa Groth
Computer Systems & Telematics (CST)

Structure of CST-Lectures

-  Bachelor, mandatory
-  Bachelor, specialization
-  Master



Contents



Team

Lecturer

Dr. Larissa Groth (she/her)

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Office: Takustr. 9, 157

Office hours by appointment

Tutors

Dori Pfefferkorn (all pronouns)

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Maximilian Prietzel (Maxi) (he/him)

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Antonia Ratti (she/her)

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Fynn Völkening (he/him)

voelkenil05@zedat.fu-berlin.de

Course Organization

General:

News and Updates

- Whiteboard course site (via announcements)

Lecture

- Monday, 12-14h, T9 lecture hall
- Slides: see whiteboard resources
- (former) lecture videos of Prof. Schiller:
<http://www.mi.fu-berlin.de/inf/groups/ag-tech/teaching/resources/Course-Material.html>

Attendance

- participation is voluntary, but strongly recommended!

Exercise:

Live Tutorials

- Groups of approx. 25-30 students
- Time depends on group
- Registration via whiteboard section info (opens today at 2pm)

Attendance

- participation is mandatory
 - criteria of “regular attendance” is met if n-2 exercises have been attended

C-Programming

Rumour has it...

- substantial part of live tutorials
- “Selber denken macht schlau”

- teaching assistants will be available to support you
- following the tutorial, you will receive assistance

- Whiteboard lab
- Gitlab:

- one branch per exercise
- Readmes in the repository
- Wiki with detailed explanation for each programming exercise

C-Toolchain- & helloWorld-Sessions

- Di 10 - 12 Antonia & Maxi (T9/K48 Rechnerpoolraum)
- Mi 8-10 Dori (T9/K38 Rechnerpoolraum)
- Do 16-18 Fynn (T9/K38 Rechnerpoolraum)



Workload

Lehr- und Lernformen	Präsenzstudium (Semesterwochenstunden = SWS)	Formen aktiver Teilnahme	Arbeitsaufwand (Stunden)
Vorlesung	2	—	<div>Präsenzzeit V 30</div> <div>Vor- und Nachbereitung V 30</div> <div>Präsenzzeit SPC 30</div>
Seminar am PC	2	Schriftliche Bearbeitung von Übungsaufgaben. Moderation einer Übung oder eines Teils davon.	<div>Vor- und Nachbereitung SPC 60</div> <div>Prüfungsvorbereitung und Prüfung 30</div>

- 15 lectures, 2 hours each
- 15 live tutorials, 2 hours each
- 6 **additional** hours per week for:
 - the programming exercises, and
 - pre- and post-lecture study!

Criteria for successful Active Participation

Criterion 1: **At least 80% of points in every online test in whiteboard for every lecture chapter and for C**

- 80% in each and every test individually!
- when and where you want
- how often you want
- your best results count
- reduced pressure on you (hopefully)

Criterion 2: **Live demonstration of independent, unassisted C-programming skills**

Criteria for successful Active Participation

Criterion 1: At least 80% of points in every online test in whiteboard for every lecture chapter and for C

Criterion 2: Live demonstration of independent, unassisted C-programming skills
either:

- 2 on-site tests during the semester
- taking place during the tutorials

or:

- considerably more complex C software project & review session
- independently developed project with documented code and written report, completed outside of tutorials
- submitted at least 1 week before the review session; meeting scheduled individually with your tutor

Criteria for successful Regular Attendance

- attending $n-2$ Live Tutorials

Exams

1. 21.07.2025, 12-14 h (s.t.), tba
2. 25.08.2025, 12-14 h (s.t.), tba

ProInformatik 2025:

- BKS: 28.07.2025 - 15.08.2025
- RA: 01.09.2025 - 19.09.2025

Only the exam counts for grading!

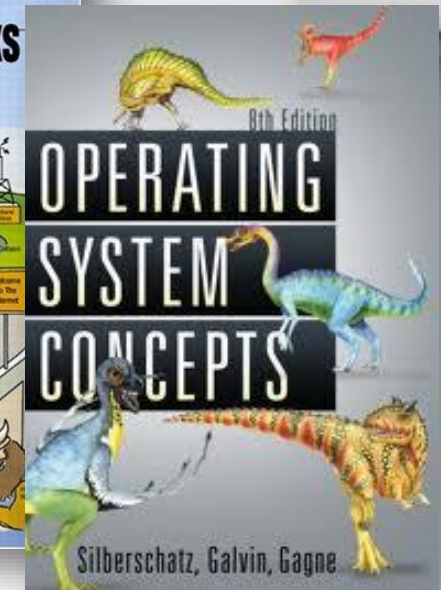
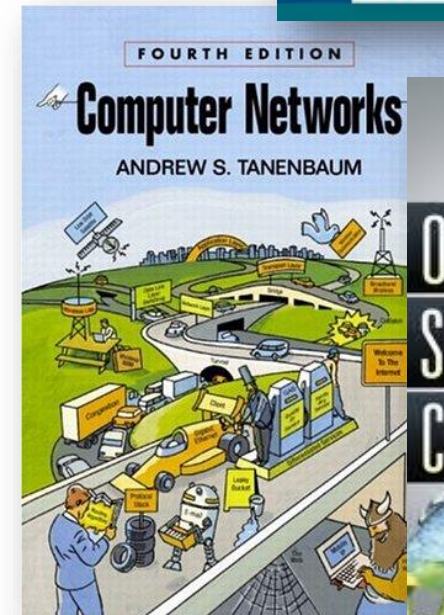
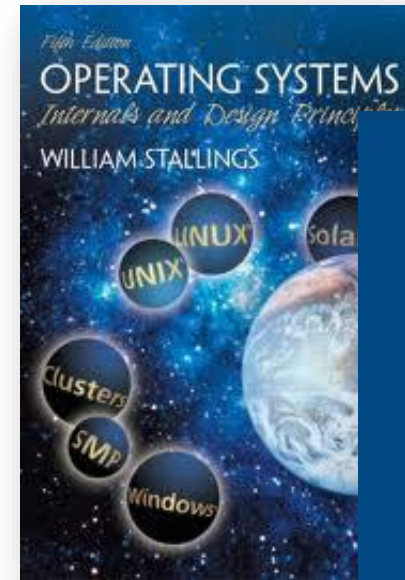
Literature

The course is based on:

- William Stallings, Operating Systems: Internals and Design Principles, Prentice Hall International
- Larry L. Peterson, Bruce S. Davie, Computernetze – Eine systemorientierte Einführung, dpunkt Verlag

Additional literature:

- Andrew S. Tanenbaum, Modern Operating Systems, Prentice Hall
- Abraham Silberschatz, Peter B. Galvin, Greg Gagne, Operating System Concepts, John Wiley & Sons



Lecture Etiquette & Expectations

- **Please, do not disturb!**
 - Especially not the other students!
 - punctuality is your responsibility
 - you may drink & eat & take bio breaks
 - you may use your phone, tablet, or laptop
 - **but all with minimal disturbance!**
- **No Go: Voice Messages!**



Make the most of your Lecture Time!

Staying focused is harder than ever!

- We're constantly available.
- Notifications, messages, and dopamine kicks are just one swipe away.
- Our minds crave stimulation – even if it disrupts deep learning.

What helped me (and might help you):

- use Focus Mode (on your phone & laptop)
 - block push notifications, silence distractions
- put your phone out of reach
 - out of sight = out of mind

*I wouldn't have finished my PhD without **actively pushing back** against these distractions!*