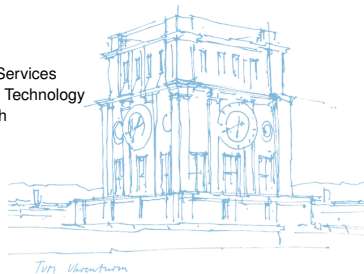


Seminar: Innovative Internet Technologies and Mobile Communications (IITM)

**Prof. Dr.-Ing. Georg Carle,
Leander Seidlitz, Benedikt Jaeger, Dr.-Ing. Stephan Günther**

Friday 2nd February, 2024

Chair of Network Architectures and Services
School of Computation, Information, and Technology
Technical University of Munich



Organization

- seminar@net.in.tum.de (only use this mail address!)
- Leander Seidlitz
- Benedikt Jaeger
- Dr.-Ing. Stephan Günther

Overview

- Language: English
 - Paper and reviews are to be written in English
 - Talk may be in German or English
- Extent: 2 SWS, (5 ECTS)
 - $5 \text{ ECTS} \cdot 30 \text{ h} \cdot 0.75 = 112.5 \text{ h}$ of work expected from you
- Course Type:
 - For B. Sc. Students: Advanced Seminar Course (Seminar)
 - For M. Sc. Students: Master's Seminar (Master-Seminar)

Learning Goals of the Seminar

1. Scientific research on individual topic

- Supported by your advisor, survey literature for your topic
- Use digital (and even analog) libraries to research a given topic
- Learn to find relevant literature based on a few starting points

2. Write a scientific paper

- Learn to write a paper in \LaTeX using the given template
- Focus your research around writing the paper
- Summarize a given topic while maintaining a good structure

3. Prepare a scientific talk

- Prepare your slides using `beamerlatex`
- Manage to fit the main aspects of a topic into a given time frame

4. The peer review process

- Like in real conferences we do a peer review among all participants
- Exercise yourself on giving constructive feedback
- Critique others, giving hints on how to improve

First version of your paper

- Agree on the content with your advisor
 - ! Keep in touch with your advisor
- Use the provided paper template (\LaTeX)
- Finish a preliminary version time so your advisor can give you feedback
- Your paper **must** be 4 pages of content in IEEE 2-column style (this excludes references)

Present your topic

- Choose one of {German, English}
- 15 min to 20 min talk + 5 min discussion

Peer review

- Review two papers of other participants
- Review language is English

Final version of your paper

- Use the received reviews to improve your paper
 - You may additionally request feedback from the advisor
- If you meet a certain standard: \Rightarrow publication in the seminar proceedings

Workflow:

- Each participant will work on an individual topic offered by chair members within their research area
- Throughout the seminar you will interact with your advisor(s)
 - discuss topic and content of the paper, discuss paper structure, ask for feedback, . . .
- A finished seminar paper is a good start for a thesis within the corresponding area

Common Meetings:

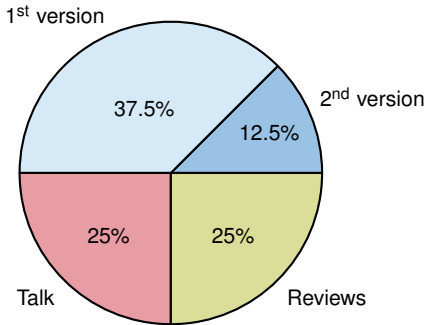
Topic Presentation:

- Kick-off meeting for the seminar.
- Offered topics are presented to you after which you can give preferences which topic you want to work on.

Talks:

- Participants give a talk about their topic.
- Whole day events for the block seminar, weekly for the seminar.

1. Your paper submissions (50 %)
 - 1st version: 37.5 %
 - 2nd version: 12.5 %
2. Your talk, 15–20 min (excluding discussion and feedback) (25 %)
3. Your two reviews of assigned other submissions (25 %)



Grading

Influencing Factors

- First version of paper must be acceptable
 - Grade worse than 4.0 \Rightarrow disqualification (seminar graded as 5.0)
 - Less than 3.5 pages text in the seminar template \Rightarrow disqualification (length of text $\in [3.5, 4.25]$ pages)
- Observe the (hard) deadlines
 - Advisor meetings are compulsory
 - You are provided with git repositories to check in your work and submissions
- No submission
 - 1st version of paper \Rightarrow disqualification (seminar graded as 5.0)
 - Other submissions \Rightarrow grade 5.0 for the concerning part
- Write the paper yourself
 - Plagiarism \Rightarrow disqualification
 - ! Attempted cheating will be reported to the examination office
 - Summary when and why to cite: <https://mediatum.ub.tum.de/1225458> (citation guide)
- Absence during talks without valid excuse
 - 0.3 degrading per missed talk on your presentation grade
 - Talk graded worse than 4.0 \Rightarrow disqualification (seminar graded as 5.0)

- Proceedings of the seminar submissions are compiled
 - Your paper is included if it meets our standards and you do not actively object
 - ! You have to proactively inform us in case you object to the publication!
 - Proceedings are available in print and at www.net.in.tum.de/publications/seminar%20proceedings
- Best Paper Award
 - We will choose the best paper in each seminar
 - Publication is a necessary precondition
 - A certificate and a hardcopy of the proceedings is awarded to the best paper



Block Seminar	Dates
Topic presentation	01.03.2024 14:00
Upload paper (1 st version)	31.03.2024 23:59
Talks	11.04. and 12.04., whole day
Upload reviews	tba
Upload paper (2 nd version)	tba

Seminar	Dates
Topic presentation	19.04.2024 14:00
Upload paper (1 st version)	tba
Talks	End of Semester
Upload reviews	tba
Upload paper (2 nd version)	tba

- Registration is handled centrally on a dedicated web platform
 1. You enter your seminar preferences
 2. We enter our students preferences
 3. The system computes a **student-optimal** matching

More info: docmatching.in.tum.de

- The result of the matching is binding, **you cannot resign** from the course afterwards
 - Only enter courses that you really want to participate in
 - We accept withdrawals only for special reasons (e. g. not getting any of your topic preferences)

Matching Schedule

20.02.2024	Publication of the matching results → you receive a mail from us
01.03.2024	Start of the block seminar with the topic presentation
19.04.2024	Start of the seminar with the topic presentation

In General, write emails only to
seminar@net.in.tum.de