Seminar: Innovative Internet Technologies and Mobile Communications (IITM)

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Leander Seidlitz, Benedikt Jaeger, Dr.-Ing. Stephan Günther

Friday 2\textsuperscript{nd} February, 2024

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

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 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 \texttt{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
Seminar Procedure

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: ⇒ publication in the seminar proceedings
Seminar Schedule

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.
Grading

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 ⇒ disqualification (seminar graded as 5.0)
  - Less than 3.5 pages text in the seminar template ⇒ 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
  - 1\textsuperscript{st} version of paper ⇒ disqualification (seminar graded as 5.0)
  - Other submissions ⇒ grade 5.0 for the concerning part

- Write the paper yourself
  - Plagiarism ⇒ 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 ⇒ disqualification (seminar graded as 5.0)
Seminar Proceedings

- 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
## Preliminary Schedule

### Block Seminar

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Time</th>
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<tbody>
<tr>
<td>Topic presentation</td>
<td>01.03.2024 14:00</td>
</tr>
<tr>
<td>Upload paper (1\textsuperscript{st} version)</td>
<td>31.03.2024 23:59</td>
</tr>
<tr>
<td>Talks</td>
<td>11.04. and 12.04., whole day</td>
</tr>
<tr>
<td>Upload reviews</td>
<td>tba</td>
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<tr>
<td>Upload paper (2\textsuperscript{nd} version)</td>
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### Seminar

<table>
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<tr>
<th>Event</th>
<th>Date/Time</th>
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<tbody>
<tr>
<td>Topic presentation</td>
<td>19.04.2024 14:00</td>
</tr>
<tr>
<td>Upload paper (1\textsuperscript{st} version)</td>
<td>tba</td>
</tr>
<tr>
<td>Talks</td>
<td>End of Semester</td>
</tr>
<tr>
<td>Upload reviews</td>
<td>tba</td>
</tr>
<tr>
<td>Upload paper (2\textsuperscript{nd} version)</td>
<td>tba</td>
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Registration

- 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