Information Session for the Seminars “Future Internet” and “Innovative Internettechnologien und Mobilkommunikation”

Prof. Dr.-Ing. Georg Carle and 18 research staff
Organization: Daniel Raumer, Lukas Schwaighofer
Contact: seminar@net.in.tum.de

Challenging Topics! Sometimes previous knowledge required!
Content

Administrative Things for all Seminars
- Registration
- Basic Information
- Responsibilities
- Grading
- Topics
Registration

Registration is handled centrally on a dedicated web platform

1. You enter your seminar preferences into a dedicated web platform
2. We enter our student preferences
3. The system computes a student-optimal matching

• More info: http://docmatching.in.tum.de

If you want to be preferred by us put your matriculation number on the sheet handed out
• We will prefer you for both IITM and FI seminar

The result of the matching is binding, i.e. you cannot step down from the course afterwards
• Only enter courses that you really want to participate in
Matching – Example 1

Your preferences

1. $your_favorite_seminar
2. $i8_seminar
3. $not_so_interesting_seminar

Putting your matriculation number on our list does **not** reduce your chance of being assigned to $your_favorite_seminar

It will however increase your chance of being assigned to $i8_seminar if you can't be assigned to $your_favorite_seminar
Matching – Example 2

- Preferences Student A
  1. $\text{very\_popular\_seminar}$
  2. $\text{popular\_seminar}$

- Preferences Student B
  1. $\text{popular\_seminar}$

Chances of getting assigned (to any course) are not higher for Student B compared to Student A.

The Matching System works best for you if you honestly enter all your preferences:
- Giving same priority to multiple courses is possible.
Basic Information

- Lecturer:
  - Prof. Dr.-Ing. Georg Carle

- Organization: seminar@net.in.tum.de
  - Daniel Raumer
  - Lukas Schwaighofer

- Overview
  - Main Language: German
    - we will offer an English track (presuming a minimum of 4 participants)
  - Extent: 2 SWS (4 ECTS)
    - 4 ECTS * 30 hours = 120 working hours expected from you
  - Course Type:
    - For M.Sc. Students: Master’s Seminar (Master-Seminar)
    - For B.Sc. Students: Advanced Seminar Course (Seminar)

- Languages: German and English
  - English only speakers are welcome to join (seminar will be split in two tracks if necessary)
Paper Procedure

• First version of your paper
  – Agree on the content with your advisor
  – Use the supplied paper template from the webpage
  – Keep in touch with your advisor
  – Try to finish well in time so you advisor can give you feedback

• Write reviews
  – You will be given two papers of your fellow students

• Final version of your paper
  – Use the received reviews to improve your paper
  – You will also receive some feedback from your advisor
  – If you and your advisor agree → publication in the seminar proceedings

• Extent
  – Your paper MUST be 6-8 pages in ACM 2-column style (including references etc.)
Talk Procedure

• Prepare your talk
  – Finished slides must be discussed with advisor 1 week before the talk
  – Advisors usually offer the opportunity of test talks

• Give your talk

• Session chair for one talk
  – Introduce the talk
  – Watch the time constraints
  – Try to get the discussion started after the talk (ask at least one question if nobody else does)

• Mandatory attendance on all sessions in your track
  – If you cannot attend for a good reason contact seminar@net.in.tum.de in advance
Topic Handling

• From your advisor(s) you may receive some literature.
  – This is just to get you started

• Find appropriate (scientific) sources yourself
  – scholar.google.com
  – acm.org
  – ieee.org
  – semanticscholar.org
  – You sources’ sources
  – ...

Just presenting the given literature is NOT enough
Grading

1. Both of your paper submissions (6–8 pages in ACM) (50%)
   - 1\textsuperscript{st} version: 37.5%
   - 2\textsuperscript{nd} version: 12.5%

2. Your talk (20–25min, following discussion and feedback) (25%)
   - Content is graded
   - Personal presentation style is not

3. Your reviews of papers from other seminar participants (25%)
Grading – Influencing Factors

• First version of paper must be acceptable
  - Grade worse than 4.0: disqualification (seminar graded as 5.0)
• Observe the deadlines
  - Advisor meetings are compulsory
  - Use the upload form on Moodle course page for your submissions
  - 0.3 degrading per day for missed deadlines
• No submission
  - 1st version of paper: disqualification (Seminar graded as 5.0)
  - Other submissions: grade 5.0 for the concerning part
• Write the paper yourself
  - Plagiarism → disqualification (and we will check!)
  - Attempted cheating reported to the examination office
  - Summary when and why to cite:
    http://oxford.library.emory.edu/research-learning/citation-plagiarism/citing.html
Advisors created topics within their research context.
→ They have broad knowledge about the context of your seminar topic.

Your task is to do research and write a scientific text about a specific topic beyond basic lecture content.
→ Your advisor is not responsible for you tasks.

Adhering to the deadlines is your responsibility.
→ Your advisor will not remind you.

Advisors will help you if you ask them to.
→ Keeping contact with your advisor allows you to write a much better seminar paper.
Improving Your Presentation Skills

You have the chance to get your talk recorded

- **Have a look at yourself** after the talk!

- Your talk was great? Share it and show it to your friends.

You fully control the access! (Initially only you can access it!)
Seminar Proceedings

We publish your papers!
• If both you and your advisor agree
• Proceedings from the last years can be found on
  http://www.net.in.tum.de/en/publications

Look at old proceedings
• Examples of papers we consider “good”
• Get an idea of the topics we cover

Best Paper Award
• We will choose a best paper in each seminar
• They will receive a certificate and a hardcopy of the proceedings
FI vs IITM

Both seminars offer similar topics
• Again, check the proceedings (link on previous slide)
• Topics announced shortly before topic distribution

Future Internet
• Topic presentation: Friday, July 15, 10:00, room 03.07.023
  – This is just 2 days after the matching assignments are published!
• Seminar paper to be written in lecture free time (until end of September)
• Talks as block on October 13 and 14

Innovative Internet Technologies and Mobile Communications
• Topic presentation: Monday, October 24, 10:00, room 03.07.023
• Seminar paper to be written during the semester (until winter holidays)
• Talks weekly on Mondays, 10:00, starting in January 2017 (probably 4 meetings)
English Only Track

• We offer an English only track if at least one non-German (native) speaker wants to attend the seminar

• The English only track will have separate sessions
  – Probably 1-2 sessions (depending on the number of students)

• Attendance not mandatory for talks in the “standard” track
  – Students in the “standard” track also don’t have to participate in the English track talks
  – You are still welcome to join the other track’s talks 😊

• Usually the English track is quite small
  – This means less attendance (if the opportunity to improve your English is not a good enough incentive for you…)
seminar@net.in.tum.de