Seminar

Research Topics in Software Engineering

Thomas Gross, Peter Müller, Markus Püschel, Martin Vechev

Teaching assistants:
• Vytautas Astrauskas (PM)
• Martin Bättig (TG)
• Benjamin Bichsel (MV)
• Alexandra Bugariu (PM)
• Andrei Dan (MV)
• Aristeidis Mastoras (TG)
• Luca Della Toffola (TG)
• Gagandeep Singh (MP)
• Ivana Unkovic (TG)

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Objectives

- Learn how to present technical work
- Learn how to understand and assess research papers
- Learn about research directions in the area
- We have no specific subtopic this year
Preparing a Talk

- Check your presentation date
- Study your paper(s)
- Create draft presentation
- Meet advisor, get feedback

Preparing a Talk: Start Early

- Preparing a good presentation takes time
- Start early!
Preparing a Talk: Study Paper

- 3 ‘C’s of reading
  - Carefully: look up terms, possibly read cited papers
  - Critically: find limitations, flaws
  - Creatively: think of improvements
- Try examples by hand
- Try tools if available
- Consult with TA if questions

Preparing a Talk: Create Draft

- Explain the motivation for the work
- Clearly present the technical solution and results
  - Use your own example, not the one in the paper
  - Include a demo if appropriate
- Outline limitations or improvements
- Focus on the key concepts
  - Do not present all of the details
Preparing a Talk: Get Feedback

- Prepare for the meeting
  - Schedule early
  - Send slides in advance
  - Write down questions

- Make sure you address feedback
  - Take notes

- Meeting is mandatory!
  - At least one week before the talk

Grading

- Quality of your presentation
  - How well did you understand the material?
  - How well did you present it?
  - How well did you answer the questions?

- Participation
  - Did you ask good questions?
  - Did you attend all sessions?

- We will take into account:
  - the difficulty of the paper
  - suggestions you received from your TA
  - time you had to prepare
Feedback

- We will discuss strengths and weaknesses of your talk in class
  - Let us know upfront if you’d prefer not to

- Arrange a meeting with your TA to get feedback

Schedule

- We will meet once a week, with two presentations per session
  - Next meeting on October 12
  - 22 presentations in total

- Website with information and schedule
  - http://people.inf.ethz.ch/markusp/teaching/263-2100-ETH-fall17/course.html