

Seminar

Research Topics in Software Engineering

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Fall 2017

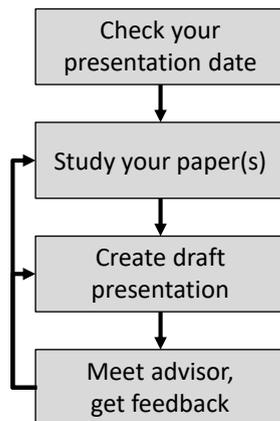
ETH zürich

Objectives

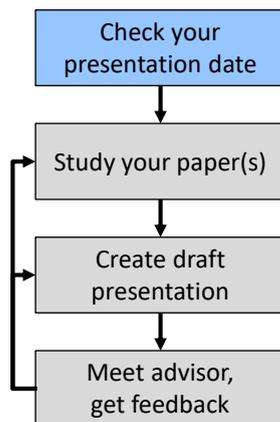
- Learn how to *present* technical work
- Learn how to *understand* and *assess* research papers
- Learn about *research* directions in the area

- We have no specific subtopic this year

Preparing a Talk

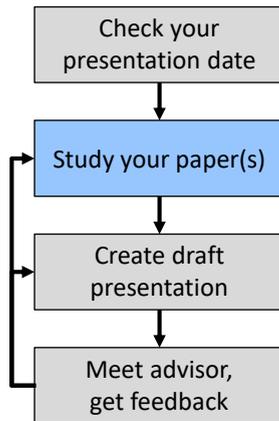


Preparing a Talk: Start Early



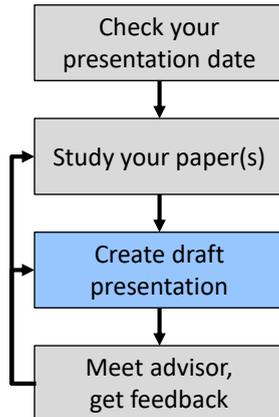
- Preparing a good presentation takes time
- Start early!

Preparing a Talk: Study Paper



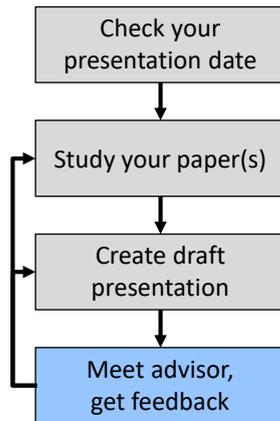
- **3 'C's of reading**
 - *Carefully*: look up terms, possibly read cited papers
 - *Critically*: find limitations, flaws
 - *Creatively*: think of improvements
- **Try examples by hand**
- **Try tools if available**
- **Consult with TA if questions**

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>