DB&IS Seminar
Sommersemester 2018
Lehrgebiet Informationssysteme
TU Kaiserslautern
Aim of This Seminar

- How to critically read a research paper.
- Preparing a presentation for giving a talk on research paper.
- Learn the novel concepts and recent developments of databases and information system.
Organizing Groups

Databases and Information Systems (DBIS)

Heterogeneous Information Systems (HIS)

For email addresses and rooms see websites:
http://dbis.informatik.uni-kl.de

Main contact for organizational matters: Evica Milchevski
(milchevski@cs.uni-kl.de).
Please include [db-seminar] in the subject of your emails.
Organization

We have total of 9 registrations.

- Presentations will be held at the end of the semester.
- Students must attend all the talks.
- Visit our webpage for all the deadlines and informations.
- Detail schedule for the presentations will be uploaded in the webpage later.
Organization

1. Reading and Understanding

2. Slide Preparation

3. Peer Reviewing

4. Moderating & Presenting
Two more weeks for understanding the authors’ contributions.

Guideline for reading and understanding:

- Recognize the research problem authors have addressed.
- Understand the authors’ contributions to the problem.
- Raise appropriate questions and find limitations of the paper. [e.g., are authors’ assumptions to propose the solution reasonable?, the logic of the solution justifiable?, is there any simpler way to approach the solution?, etc.]

- Have a look on the related works of the paper for better understanding of the scope of the research problem.
- Think: Your tutor might ask you to tell in 4-5 sentences what the paper is about.
First Appointment with Your Tutor

- Schedule an appointment with your tutor, to take place not later than 27th April.
- Before that meeting, write a short (5000-5500 characters) summary mentioning:
  - Motivation of the work.
  - Main idea behind the proposed system or algorithm.
  - Describe three things you like or dislike about the paper.
  - The questions arise from critical reading.
- Send the summary to the tutor before the appointment.
- Bring along or send before the intended outline (incl. rough timeline) of your presentation, to discuss it with your tutor.

Each student should show a solid understanding of a paper and outline of the presentation slides.
Organization: Slide Preparation

- Almost one month for making slides.
- Consult with your tutor for any difficulties in slide preparation.
- Remember that you must explain the content of the slides to the tutor.
- Send your No-left-TODO version of slides to the tutor at latest 25th May.

- Each student should complete No-left-TODO presentation.
Organization: Slide Preparation

Good Practice -

- Mention slides number.
- Cite papers correctly.
- Put reference to the source of copied figures, equations, etc.
- Try to avoid including long sentences in your slides.
- Examples and figures are more preferable.
Organization: Slide Preparation

Good Practice -

- A good presentation should tell a story.
- Do not use small fonts.
- Do not overfill your slides with text or figures.
Organization: Peer Reviewing

- Peer students will be assigned by end of May.
- Provide feedback to your peer student’s slides within 22th Jun.
- In the emails to the peer student CC your supervisor.
- Now, sit back and wait for the reviews.
- Incorporate the reviews into your final presentation.
- **Send the final presentation to tutor and peers before 6th July.**

- Each student should have now their final presentation for the seminar.
Organization: Presentation

• 45 min. will be assigned to each student for his/her talk on the assigned paper following a 15 min. Q&A session.

• Slides must be in English.
• Peer student as a moderator should introduce the speaker and lead the Q&A session.
• Prepare a couple of own questions (as fallback).
Organization: Presentation

- Presentations should be **45 min.** Large deviations will affect the grading/passing of the seminar
- When presenting do not read from the slides.
- Practice your talk at home.
Submission of Final Report

- Submit a short report (not longer than 4 pages). Report should include:
  - Motivation and problem statement.
  - Brief discussion on main approach and experimental results.
  - Conclusion of the work in your own words mentioning strong and weak points of the paper.

- Do not copy and paste from the paper.

- A latex template will be provided.
Grading / Passing

Grading/Assessment based on

- Quality of presentation slides and ability to explain the work of the assigned paper.
- Ability to answer and discuss the questions raised in Q&A session.
- Performance in engaging yourself in others’ Q&A session.
- Evaluation on 4-pages report.
- Participation in general in the seminar as a moderator or peer reviewer.
Attention!

- Missing deadlines will not be accepted. All deadlines with respect to local time zone (Kaiserslautern).

- Attend all the talks.
  - In case of absence please contact beforehand with valid reasons (e.g., illness or exams).
Thank You for Your Attention!

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