DB&IS Seminar
Wintersemester 2016/17

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: Koninika Pal (pal@cs.uni-kl.de).
Because of too many registrations, we have two “seminars”, each of 9 students.

- Students assigned to the same paper can talk and discuss but copying each other slides is strictly not allowed.
- Students are not allowed to attend the presentations from other slot.
- Visit our webpage for all the deadlines and informations.
- Detail schedule for presentation will be uploaded in webpage later.
Organization

1. Reading and Understanding
2. Slide Preparation
3. Peer Reviewing
4. Moderating & Presenting
Organization: Reading and Understanding the Paper

- 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 simple way to approach to 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 11. Nov.
• 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.
- Send your No-left-TODO version of slides to peer students and the tutor at latest 9th Dec.

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: Peer Reviewing

- Peer students will be assigned by us by end of the year.
- Provide feedback to your peer student’s slides within 13th Dec.
- Now, sit back and wait for the reviews.
- Incorporate the reviews into your final presentation.
- Send the final presentation to tutor and peers before seminar presentation.

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).
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.
Organization: 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.
Organization: Grading / Passing

Attention!

- Missing deadlines will not be accepted. All deadlines with respect to local time zone (Kaiserslautern).
- Attend all the talks only from your own group.
  - In case of absence please contact beforehand with valid reasons (e.g., illness or exams).
Thank You for Your Attention!