

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](mailto:pal@cs.uni-kl.de)).

# Organization

**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



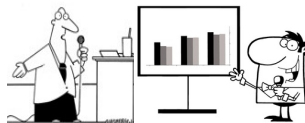
## 2. Slide Preparation



## 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.**
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- **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!*

