LGIS Seminar

Summer term 2016

Weiping Qu

AG Datenbanken und Informationssysteme

AG Heterogene Informationssysteme

Agenda

- Goals
- Regulation
- Schedule
- Basic requirements
- Criteria for Grading
- General advice
- Good practice

Goals

- Our seminar provides students with a place where
  - assigned readings are discussed,
  - questions can be raised,
  - debates can be conducted.

- In general, each participant has to
  - construct presentation slides,
  - give a talk,
  - submit a report,
  - especially join the discussion.

Goals

The performance is derived from the following aspects:

- active participation in final discussion
- quality of your talk incl. slides, Q&A
- understanding on your topic incl. basic theory and paper-specific idea/algorithm
- active participation during entire seminar, i.e. participation in review & moderation phases

Regulation

1) Reading & understanding phase
2) Slides preparation phase
3) Reviewing phase
4) Presentation phase
5) Reporting phase

Reading & understanding phase

- One month for reading and understanding
- Try to solve the questions by yourself
- Make a first appointment with your tutor to discuss the outline of your presentation
- No need to have slides ready
- Better start right now!

Milestone: Show a solid understanding of the paper

(see the next slide)

Reading & understanding phase

- each student prepares a short written summary of around 5000-5500 characters (incl. whitespace) as an introduction to relevant foundations of your seminar paper. It should address the list of questions/hints put below.
  - What is the research field of the paper, e.g., query optimization in database systems, graph data mining, social network analysis, or index structures?
  - What is the motivation of the paper, i.e., why are the results presented in the paper useful?
  - What does the paper propose? A new system, algorithms, theory, experimental evaluation, or any subset of these?
  - More specifically, what is the main idea of the paper? For instance, it proposes an algorithm to allow efficient search in high-dimensional data.
  - What other work exists and how do the authors put their work apart from existing papers on a high level? List 2-3 papers and read (at least) their abstracts.
  - Describe three things you like about the paper and three things you dislike.
  - What questions would you ask the authors if they were available for a discussion?

Preparation phase

- One month for making slides
- Show advantages/weaknesses of the work in your slides
- If you are unsure about what to present, talk to your tutor!
- Send your No-left-TODO version of slides to and discuss them with your tutor and peer student

MileStone: No-left-TODO version of slides

Reviewing phase(tutor)

- Your tutor will give feedback on your No-left-TODO version of slides

Peer review

- Review and give feedback on your peer student`s slides regarding understanding
- Peer-to-peer relationships are pre-defined by us
- Merge feedback from both your tutor and your peer reviewer in your slides as final version
- Send final version to your peer reviewer(moderator) before the seminar

Milestone:

review feedback to your peer student;

final version of your slides

Presentation phase

- Give a 45-min talk about your topic
- The 45-min talk should be a mixture (e.g., 20:80) of an introduction to relevant foundations and the details of the paper.
- *Slides* have to be in English
- 15 min discussion to answer questions

Prensentation Phase - Moderating other talk

- Peer reviewer as moderator
- Introduce speaker
- Lead discussion phase
- Prepare a couple of own questions (as fallback)

Reporting phase

- Submit a short report (not longer than 4 pages) about your topic
  - Motivation, problem, key issues, results
  - strengths and weaknesses
  - Your own conclusion
  - Not a copy of the paper!
- A latex template will be provided.

Milestone: 4-page report

Schedule

- It is your repsonsibility to schedule the appointments with tutor.
- April 20:
  - Kick-off meeting
- May 20:
  - A short written summary to show a solid understanding
- June 20:
  - No-left-TODO version of your slides to both of your tutor and your peer reviewer
- July 15:
  - Submit final version of your slides to your tutor& moderator
  - Give feedback on your peer student`s slides
  - Receive feedback from tutor/peer reviewer and merge into final version
- Seminar dates:
  - July 18~29
- August 5:
  - Final 4-page report

Basic requirements

- Meet the deadlines!
- Don`t copy and paste
  - e.g. from your seminar paper, other papers, web blogs, online slides, etc.
- Attend all the talks!
  - reasons like illness, exams can be accepted for absence
- Get involved in the discussion
  - overall at least one question

Criteria for Grading

- Performance in talk
  - Presentation style & slide quality
  - Knowledge about the topic
  - Question handling
- Participation
  - Performance as peer reviewer (e.g. constructive feedback to your peer student) & moderator
  - Performance in others` discussion phases (e.g. ask questions)
  - Participation in general (e.g. meetings, reading other papers)
- Written report

Good practice -1

In your slides…

- Cite papers correctly
- Clearly refer to sources of copied figures, quotes, equations, etc.
- Create your own slides!

- Use page number
- Use diagram animations instead of reading long sentences
- Use examples

Good practice -2

While you are presenting…

- Do not read the slides, but tell a story
- Repeat what is important
  - try to make audience notice that you are telling something important
- Prepare many times before your talk
  - don´t expect others might understand you even if you don´t understand yourself
- Speak slowly, loudly and clearly
- Nervous is normal!

Thank you!