

Seminar

A Journey Through Database Research

Summer Term 2010

Lehrgebiet Informationssysteme

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**AG Datenbanken und
Informationssysteme**



**AG Heterogene
Informationssysteme**

- Topic 1: Concurrency Control
- Topic 2: Query Optimization
- Topic 3: Transaction Processing
- Topic 4: Information Integration
- Topic 5: Data Mining
- Topic 6: Query Processing on New Hardware
- Topic 7: Map Reduce
- Topic 8: Cloud Computing
- Topic 9: Adaptivity Within the DBMS
- Topic 10: Semi-Structured Data Management

- Self-employed familiarization with a scientific topic
- Finding scientific literature on web or in the library (DBLP, Citeseer, Google)
- Written composition, presentation, and discussion
- Correct citations
- No copy & paste!
- Time Management

Searching for Literature

- Some basic literature is provided by your supervisor
- You have to search for further literature
- Collect a list of related literature and send it to your supervisor

Annotated Table of Contents (TOC)

- Prepare an annotated TOC for your supervisor (approx. 1.5 pages)

Written Composition

- LNCS Layout
- PDF Format required
- Length: 6000–8000 Words (net.) \cong 15–20 Pages
- Correct and complete bibliography
- Deadline: two weeks before the presentations start

- Length: 60 Minutes (45 minutes for the presentation, 15 minutes for the discussion)
- Presentation:
 - Beamer (private or one of our notebooks)
 - Overhead foils
- You must submit your presentation electronically, one week after you gave your talk
- One schedule
 - Friday, July 2nd, 2010
 - Room 36/336, 11:00 a.m – 1:00 p.m and 2:00 p.m. - 4 p.m.

- **“Unbenoteter Schein”**:
 - Meet the deadlines!
 - Decent presentation
 - Be present when others give their talks

- **“Benoteter Schein”**

- See above

Criteria for grading:

- Quality of your written composition
- Quality of your presentation (including your foils)
- Discussion
- Meeting the deadlines
- Overall impression of your supervisor
- ...

- Monday, April 19th: Kick-off meeting
- Monday, May 10th: Deadline for literature list
- Monday, May 17th: Deadline annotated TOC
- Monday, June 14th: Deadline written composition
- Monday, June 28th: Deadline corrected written composition
- Friday, July 2nd, 2010: Presentation

All deadlines are strict!

Select your topic...now!

Topic 1: Concurrency Control

Topic 2: Query Optimization

Topic 3: Transaction Processing

Topic 4: Information Integration

Topic 5: Data Mining

Topic 6: Query Processing on New Hardware

Topic 7: Map Reduce

Topic 8: Cloud Computing

Topic 9: Adaptivity Within the DBMS

Topic 10: Semi-Structured Data Management

Homepage

- <http://www.lgis.informatik.uni-kl.de/cms/courses/seminar/>

LNCS

- <http://www.springer.com/computer/lncs?SGWID=0-164-2-72376-0>

DBLP

- <http://www.informatik.uni-trier.de/~ley/db/>

Typography

- <http://www.zvisionwelt.de/typokurz.pdf>

Thank your for your attention!

Questions