

Seminar

„Technologies for Nontraditional Data Management“

Thomas Neumann



Ralf Schenkel



Meetings

- Initial Meeting:
Tuesday, October 21, 14:15 in room 433, E1 4
- Regular Meetings:
Tuesdays, 14:15-15:45, in room 433, E1 4
starting November 18
- Currently two free slots for talks

October 21, 2008

NTDM Kickoff Meeting



General Topics

- Current trends in data management
 - Advanced relational data management
 - Nonrelational data management
 - New architectures
 - Web 1.0 and 2.0
- Very recent scientific publications
(at most ½ year old) from SIGMOD, SIGIR, VLDB

October 21, 2008

NTDM Kickoff Meeting



Topics 1 – Advanced Relational DM

- **Top-k Processing**

(no student yet)

Tuesday, November 18, 2008



Tutor:
Thomas Neumann

- **Query Optimization and Tuning**

(Joachim Müller)

Tuesday, November 25, 2008



Tutor:
Thomas Neumann

- **Transactions**

(no student yet)

Tuesday, December 2, 2008



Tutor:
Klaus Berberich

October 21, 2008

NTDM Kickoff Meeting



Topics 2 – Nonrelational DM

- **RDF Engines**

(Stefan Schuh)

Tuesday, December 9, 2008



Tutor:
Thomas Neumann

- **Uncertainty & Probabilistic DB**

(Torsten Hey)

Tuesday, January 6, 2009



Tutor:
Martin Theobald

- **XML**

(Sarath Kumar Kondreddi)

Tuesday, January 13, 2009



Tutor:
Ralf Schenkel

October 21, 2008

NTDM Kickoff Meeting

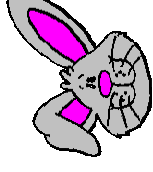


Topics 3 – New Architectures

- **P2P and Distribution**

(Vinay Setty)

Tuesday, January 20, 2009



Tutor:
N.N.

- **Databases on New Hardware**

(Sathesh Thirunavukkarasu)

Tuesday, January 27, 2009



Tutor:
Ralf Schenkel

October 21, 2008

NTDM Kickoff Meeting



Topics 4 – Web 1.0 and 2.0

- **Web Ranking**

(Aleksh Jindal)

Tuesday, February 3, 2009



Tutor:
Andreas Broschart

- **Social Networks**

(Dogan Karaoglan)

Tuesday, February 10, 2009



Tutor:
Ralf Schenkel

October 21, 2008

NTDM Kickoff Meeting



What we expect you to do - basics

- Attend all talks;
write a short mail if you cannot participate
- Be on time (talks start 14:15)
- Participate in the discussion after the talks

October 21, 2008

NTDM Kickoff Meeting



What we expect you to do – talk (1)

- Read your paper(s) and related literature
- Prepare a 45 minutes talk on the topic
 - Prepare slides in English
 - Don't talk about every paper in detail
 - Pick the most interesting, challenging or futuristic contributions from the papers
 - Start with an introduction (~10min) to the topic
 - Discuss any weaknesses or problems in the talk
 - Don't copy conference slides!
 - Interact with your tutor

October 21, 2008

NTDM Kickoff Meeting



What we expect you to do – talk (2)

- Send your slides to your tutor
- **Hard deadline: Friday before the talk, 4pm**
- Give your talk in English
 - If you need a notebook, talk to your tutor
- Answer any questions from the audience
- Prepare a short written report
 - up to 5 pages
 - about strengths, weaknesses, and own ideas
 - until two weeks after the talk
 - together with your **opponent**

October 21, 2008

NTDM Kickoff Meeting



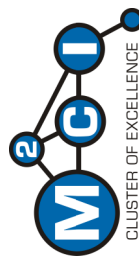
What we expect you to do – opponent

- One preselected student per paper
- Prepares tough questions to challenge the paper (not to challenge the talk or the speaker!)
- Gets the preliminary slides on Friday
- Prepares the final report together with the speaker

Opponent assignments will be done early next week

October 21, 2008

NTDM Kickoff Meeting



What we provide

- Tutor helps by
 - answering general questions on the topics
 - providing hints for selecting the topic of the talk
 - providing feedback on the slides
 - providing technical support (notebook etc)
- Feedback meeting after report has been submitted
 - with tutor, Ralf and/or Thomas

October 21, 2008

NTDM Kickoff Meeting



Your final grade is influenced by...

- Your oral presentation, including your slides
- Your knowledge about your topic (answers to questions)
- Your questions as opponent
- Your two written reports
 - as presenter
 - as opponent
- Your overall participation in the seminar

October 21, 2008

NTDM Kickoff Meeting

