

SE: Beauty is our Business

Wissenschaftliche Arbeiten Lesen

26.4.2007

Felix Naumann

## Überblick

2

- ➔ ■ Organisatorisches
- Konferenzen und Journale
  - Gutachten
- Gliederung eines Artikels
- Experimente
- Literaturrecherche



## Die Themen (und Termine)

3

- Daniel Hefenbrock
  - Mariposa
  - 7.6.07
- Lion Vollnhals
  - Fagins Algorithmus
  - 7.6.07
- Stefan Krumnow
  - Enough Already
  - 21.6.07
- Tobias Flach
  - Sorted Neighborhood
  - 21.6.07
- Philipp Dobrigkeit
  - Source Capabilities
  - 5.7.07
- Matthias Pohl
  - Data Mining
  - 5.7.07

Felix Naumann | SE Beauty is our Business | SS 2007

## Termine

4

- Besprechungstermine mit mir ausmachen!
  - E-Mail / Telefon Pat Hobro
- 10.5.2007 Literaturkritik / Diskussion
- 24.5.2007 Vortragstechniken
- 7.6.2007 Mariposa & Fagins Algorithmus
- 14.6.2007 Einführung in LaTeX
- 21.6.2007 Enough Already in SQL & Sorted Neighborhood
- 28.6.2007 Vorstellung der Gliederungen & Tipps zur Ausarbeitung
- 5.7.2007 Source Capabilities & Data Mining
- 30.7.2007 Abgabe der Ausarbeitungen

Felix Naumann | SE Beauty is our Business | SS 2007

## Überblick

5



- Organisatorisches
- Konferenzen und Journale
  - Gutachten
- Gliederung eines Artikels
- Experimente
- Literaturrecherche



Felix Naumann | SE Beauty is our Business | SS 2007

## Veröffentlichung auf Konferenzen

6

- Konferenzen wichtig in der Datenbank Forschung
- Journale eher zweitrangig
  - im Gegensatz zu fast allen anderen Forschungsrichtungen
- i.D.R. 12 Seiten, Englisch
- 2 Monate Begutachtung
  - Quote 15%-20% bei guten Konferenzen
- Bei Annahme Reise und Vortrag auf Konferenz
  - Bezahlung: Selbst!
- Workshops ähnlich; nur kürzere Begutachtung
- Journale: Iterative Gutachten; lange Laufzeit bis zur Veröffentlichung (bis zu 3 Jahre)

Felix Naumann | SE Beauty is our Business | SS 2007

## Wichtige Konferenzen

7

- SIGMOD
  - ACM Special Interest Group – Management of Data
  - GI – Gesellschaft für Informatik
- ICDE
  - IEEE
  - International Conference on Database Engineering
- VLDB
  - Very Large Databases
  - 2003 Berlin
- EDBT
- BTW (2007 in Aachen)
- Viele kleinere
- Viele Spezial-Workshops

Felix Naumann | SE Beauty is our Business | SS 2007

## Wichtige Journals

8

- VLDB Journal
- TODS: Transactions on Database Systems
- TOIS: Transactions on Information Systems
- IS: Information Systems
- ACM Computing Surveys
- Journal of the ACM
- CACM
- Auf Einladung / weniger strenge Gutachten
  - IEEE Data Engineering Bulletin
  - SIGMOD Record
  - Datenbankspektrum

Felix Naumann | SE Beauty is our Business | SS 2007

Organisation einer Konferenz

9




**Very Large Data Bases**

**VLDB 2004**  
 30<sup>th</sup> International Conference on  
**Very Large Data Bases**

Royal York Hotel  
 29 August - 3 September 2004  
 Toronto, Canada

\*This site is best viewed at 1024 x 786 or 1280 x 1024




VLDB is the premier international conference on database technology, organized every year by the VLDB Endowment. VLDB 2004 will be held in Toronto, the biggest canadian city and the financial center of the country. Toronto has been called the most multicultural city in the world, hosting more than 50,000 new immigrants per year, and boasting more than 100 languages spoken by some of its citizens. Proceedings from earlier VLDB Conferences are distributed by Morgan Kaufmann. The VLDB Endowment also publishes the VLDB Journal through Springer.

<p><b>Important Dates</b></p> <p><b>Workshops:</b> August 29 - 30, 2004</p> <p><b>Main Conference:</b> August 31 - September 3, 2004</p> <p><b>VLDB 04 Newsletter :</b></p> <p><a href="#">Issue 1</a>  <a href="#">Issue 2</a>  <a href="#">Issue 3</a></p>	<p><b>Organization</b></p> <p><a href="#">Officers</a>  <a href="#">Conference Organization</a>  <a href="#">Technical Program</a>  <a href="#">Local Organization</a>  <a href="#">Publicity and Publications</a>  <a href="#">Program Committee</a>  <a href="#">Core Database Technology</a>  <a href="#">Infrastructure for Information Systems</a>  <a href="#">Industrial and Applications</a>  <a href="#">Workshop Selection</a></p> <p><b>Sponsors</b></p> <p><b>Conference Program Information</b></p> <p><a href="#">A Word from the PC Chairs</a>  <a href="#">Program at a Glance</a>  <a href="#">Full Program</a>  <a href="#">Keynote Program</a>  <a href="#">Tutorial Program</a>  <a href="#">Panel Program</a>  <a href="#">Demonstrations</a>  <a href="#">Abstracts</a>  <a href="#">Workshops</a></p>	<p><b>Information for Delegates</b></p> <p><a href="#">Welcome to VLDB04</a>  <a href="#">Conference Registration</a>  <a href="#">Conference Hotel Room Reservation</a>  <a href="#">Other Hotels</a>  <a href="#">Conference Venue</a>  <a href="#">How to Get There</a>  <a href="#">Social Events</a>  <a href="#">Arrival Instructions</a>  <a href="#">VLDB 04 Niagara Falls Tours</a>  <a href="#">Disclaimer</a></p> <p><b>Information about Toronto</b></p> <p><a href="#">Toronto for DB Researchers</a>  <a href="#">Toronto General Information</a>  <a href="#">Airport Information</a>  <a href="#">Things to Do in Toronto</a>  <a href="#">Sightseeing in Toronto</a>  <a href="#">What's doing in Toronto (from the NY Times)</a></p> <p><b>Information for Authors</b></p> <p><a href="#">Call for Papers</a>  <a href="#">Call for Workshops</a>  <a href="#">Call for Tutorials</a>  <a href="#">Call for Panels</a>  <a href="#">Paper Submission Site and Guidelines</a></p>
--	--	--

Felix Na Fertig

Organisation einer Konferenz

10



**HPI**

**Hasso Plattner Institut**

<p><b>Important Dates</b></p> <p><b>Workshops:</b> August 29 - 30, 2004</p> <p><b>Main Conference:</b> August 31 - September 3, 2004</p> <p><b>VLDB 04 Newsletter :</b></p> <p><a href="#">Issue 1</a>  <a href="#">Issue 2</a>  <a href="#">Issue 3</a></p>	<p><b>Organization</b></p> <p><a href="#">Officers</a>  <a href="#">Conference Organization</a>  <a href="#">Technical Program</a>  <a href="#">Local Organization</a>  <a href="#">Publicity and Publications</a>  <a href="#">Program Committee</a>  <a href="#">Core Database Technology</a>  <a href="#">Infrastructure for Information Systems</a>  <a href="#">Industrial and Applications</a>  <a href="#">Workshop Selection</a></p> <p><b>Sponsors</b></p> <p><b>Conference Program Information</b></p> <p><a href="#">A Word from the PC Chairs</a>  <a href="#">Program at a Glance</a>  <a href="#">Full Program</a>  <a href="#">Keynote Program</a>  <a href="#">Tutorial Program</a>  <a href="#">Panel Program</a>  <a href="#">Demonstrations</a>  <a href="#">Abstracts</a>  <a href="#">Workshops</a></p>	<p><b>Information for Delegates</b></p> <p><a href="#">Welcome to VLDB04</a>  <a href="#">Conference Registration</a>  <a href="#">Conference Hotel Room Reservation</a>  <a href="#">Other Hotels</a>  <a href="#">Conference Venue</a>  <a href="#">How to Get There</a>  <a href="#">Social Events</a>  <a href="#">Arrival Instructions</a>  <a href="#">VLDB 04 Niagara Falls Tours</a>  <a href="#">Disclaimer</a></p> <p><b>Information about Toronto</b></p> <p><a href="#">Toronto for DB Researchers</a>  <a href="#">Toronto General Information</a>  <a href="#">Airport Information</a>  <a href="#">Things to Do in Toronto</a>  <a href="#">Sightseeing in Toronto</a>  <a href="#">What's doing in Toronto (from the NY Times)</a></p> <p><b>Information for Authors</b></p> <p><a href="#">Call for Papers</a>  <a href="#">Call for Workshops</a>  <a href="#">Call for Tutorials</a>  <a href="#">Call for Panels</a>  <a href="#">Paper Submission Site and Guidelines</a></p>
--	--	--

Fertig

## Officers

11

### CONFERENCE ORGANIZATION

#### General Chair

John Mylopoulos, University of Toronto, Canada

#### VLDB Endowment Liaison

Kyu-Young Whang, KAIST, Korea

#### Area Coordinator, North America

Philip Bernstein, Microsoft Research, USA

#### Area Coordinator, South America

Alberto Laender, Federal University of Minas Gerais, Brazil

#### Area Coordinator, Europe, Mideast & Africa

Avigdor Gal, Technion, Israel

#### Area Coordinator, Far East & Australia

Hongjun Lu, Hong Kong University of Science and Technology, China

#### Publicity and Publications Chair

Mariano Consens, University of Toronto, Canada

#### Web Coordinator

Manuel Kolp, Catholic University of Louvain, Belgium

[Back to Top](#) ↑



## Officers

12

### TECHNICAL PROGRAM

#### Technical Program Chair

M. Tamer Özsu, University of Waterloo, Canada

#### Core Database Technology Program Chair

Donald Kossmann, University of Heidelberg, Germany

#### Infrastructure for Information Systems Program Chair

Renee Miller, University of Toronto, Canada

#### Industrial and Applications Program Chairs

Jose Blakeley, Microsoft Corporation, USA

Berni Schiefer, IBM Laboratories, Canada

#### Tutorial Program Co-Chairs

Raymond Ng, University of British Columbia, Canada

Matthias Jarke, RWTH Aachen, Germany

#### Panel Program Co-Chairs

Jarek Gryz, York University, Canada

Fred Lochovsky, HKUST, Hong Kong

#### Demonstrations Chairs

Bettina Kemme, McGill University, Canada

David Toman, University of Waterloo, Canada

#### Proceedings Editor

Mario Nascimento, University of Alberta, Canada

#### Workshops Co-Chairs

Alberto Mendelzon, University of Toronto, Canada

S. Sudarshan, Indian Institute of Technology, Bombay, India

[Back to Top](#) ↑

### LOCAL ORGANIZATION

#### Local Arrangement Chair

Nick Koudas, AT&T Labs Research, USA

#### Exhibits Chair

H.-Arno Jacobsen, University of Toronto, Canada

#### Treasurer

Kenneth Barker, University of Calgary, Canada

#### Fund Raising Chair

Victor DiCiccio, University of Waterloo, Canada

#### Registration Chair

Grant Weddell, University of Waterloo, Canada

[Back to Top](#) ↑

[Webmaster](#)

*Last updated: July 26, 2004*

Fertig

# Typisches Programm einer DB Konferenz

13

**PROGRAM AT A GLANCE**

**Monday at a Glance**

Upper Canada

18:00-20:00 **Keynote Reception** (Upper Canada)

**Tuesday at a Glance**

Ballroom	Ontario	Territories	Confederation 5 & 6	Tutor 7 & 8
07:30-08:30 Breakfast (Concert Hall)				
08:30-09:00 <b>Opening Ceremony</b> (Ballroom)				
09:00-10:30 <b>Keynote Address 1</b> (Ballroom): Databases in a Wireless World David Yach, VP Software, Research in Motion				
10:30-11:00 Coffee Break (Ballroom Foyer)				
11:00-12:30 Research Session 1 Compressing & Indexing	Research Session 2 XML Views and Schemas	Research Session 3 Controlling Access	Tutorial 1 Database Architectures for New Hardware	NO SESSION
12:30-14:00 Lunch Break (Concert Hall)				
14:00-15:30 Research Session 4 XML (I)	Research Session 5 Stream Mining	Industrial Session 1 Novel SQL Extensions	Tutorial 1 Database Architectures for New Hardware	Demo Groups 2 and 3
15:30-16:00 Coffee Break (Ballroom Foyer)				
16:00-17:30 Research Session 6 XML (II)	Industrial Session 2 New DBMS architectures and Performance	Panel 1 Biological Data Management: Research, Practice and Opportunities	Tutorial 2 Security of Shared Data in Large Systems: State of the Art and Research Directions	Demos Groups 2 and 3

# Typisches Programm einer DB Konferenz

14

**Wednesday at a Glance**

Ballroom	Ontario	Territories	Confederation 5, 6 & 7	Tutor 7, 8
07:45-08:45 Breakfast (Concert Hall)				
09:00-10:30 <b>Keynote Address 2</b> (Ballroom): Structures, Semantics and Statistics Alan Hickey (D. of Washington)				
10:30-11:00 Coffee Break (Ballroom Foyer)				
11:00-12:30 Research Session 7 XML and Relations	Research Session 8 Stream Mining (II)	Industrial Session 3 Semantic Query Approaches	Tutorial 2 Security of Shared Data in Large Systems: State of the Art and Research Directions	Demo Groups 1 and 2
12:30-14:00 Lunch Break (Concert Hall)				
14:00-16:00 Research Session 9 Stream Query Processing	Research Session 10 Managing Web Information Sources	Research Session 11 Distributed Search and Query Processing	Tutorial 3 Self-Managing Technology in Database Management Systems	Demo Groups 4 and 5
16:00-16:30 Coffee Break (Ballroom Foyer)				
16:30-17:30 Research Session 12 Stream Data Management Systems	Research Session 13 Auditing	Research Session 14 Data Warehousing	Tutorial 3 Self-Managing Technology in Database Management Systems	Demo Groups 4 and 5
18:00-21:00 <b>Conference Banquet</b> (Royal Ontario Museum)				

**Thursday at a Glance**

Ballroom	Ontario	Territories	Confederation 5, 6 & 7	Tutor 7, 8
07:45-08:45 Breakfast (Concert Hall)				
09:00-10:30 <b>3D User-Based Query Search</b> (Ballroom)				
10:30-11:00 Coffee Break (Ballroom Foyer)				
11:00-12:30 Research Session 16 Link Analysis	Research Session 15 Sensors, Grid, Publish/Subscribe	Industrial Tutorial 4 Automatic Tuning in Commercial DBMS	Workshop Writing Intelligent Applications for Today's Database Systems	Demo Groups 3 and 4
12:30-14:00 Lunch Break (Concert Hall)				
14:00-15:30 Research Session 17 Top-K Ranking	Research Session 18 DBMS Architecture and Performance	Industrial Session 5 XML Implementations, Algorithms for Internet Scale (P2P) Data Management	Tutorial 4 Architectures and Algorithms for Internet Scale (P2P) Data Management	Demo Groups 1 and 6
15:30-16:00 Coffee Break (Ballroom Foyer)				
16:00-17:30 Research Session 19 Privacy	Research Session 20 Nearest Neighbor Search	Industrial Session 6 Data Management with PFDs and Ease of Use	Tutorial 4 Architectures and Algorithms for Internet Scale (P2P) Data Management	Demo Groups 1 and 6

**Friday at a Glance**

Ballroom	Ontario	Territories	Confederation 5 & 6	Tutor 7, 8
07:45-08:45 Breakfast (Concert Hall)				
09:00-10:30 Research Session 21 Similarity Search and Applications	Research Session 22 Query Processing	Industrial Session 7 Data management challenges in Life Sciences and Email systems	Tutorial 5 The continued saga of DB-R integration	Demo Groups 5 and 6
10:30-11:00 Coffee Break (Ballroom Foyer)				
11:00-12:30 Research Session 23 Novel Models	Research Session 24 Query Processing and Performance	Industrial Session 8 Issues in data warehousing	Tutorial 5 The continued saga of DB-R integration	Demo Groups 5 and 6

## Workflow zur Veröffentlichung

15

1. Idee(n)
2. Implementierung und Experimente (bzw. Beweis)
3. Artikel schreiben
4. Rechtzeitig einreichen
  - E-Mail oder Web-CMT
5. Begutachtung durch 2-4 peers
  - Double-blind?
6. Entscheidung durch Program Chair
  - E-Mail
7. Bei Annahme: Vorbereitung der Camera-Ready-Copy
8. Reise buchen, Anmelden
9. Vortrag vor Ort

Felix Naumann | SE Beauty is our Business | SS 2007

## Typisches Gutachtenformular (ICDE 2006)

1. Is the paper relevant to ICDE 2006? Yes, Definitely; Yes, Probably; No
2. Is the paper technically correct?  Yes  No
3. Originality
  - Strong accept (Very innovative) Accept (Innovative) Weak accept (Marginally innovative) Weak reject (Not very innovative) Reject (No innovation at all)
4. Impact
  - Strong accept (Very high) Accept (High) Weak accept (Good) Weak reject (Fair) Reject (No impact at all)
5. Technical Depth
  - Strong accept (Very high) Accept (High) Weak accept (Good) Weak reject (Fair) Reject (No depth at all)
6. Presentation
  - Strong accept (Excellent) Accept (Good) Weak accept (Average) Weak reject (Fair) Reject (Poor)
7. Overall Rating
  - Strong accept (Definitely accept) Accept (Probably accept) Weak accept (Could go either way) Weak reject (Probably reject) Reject (Definitely reject)
8. Reviewer Confidence
  - High (I know this area well) Medium (Moderately confident, I know as much as most) Low (Rather unconfident, I know a bit)
9. How many ICDE attendees are likely to be interested in this paper?
10. Should this paper be considered for a Best Paper Award?  Yes  Probably  No
11. Summary of main contribution and rationale for your recommendation (1-2 paragraphs)
12. Detailed comments to authors
13. Should this paper be considered for a short presentation if accepted as a full paper?  Yes  No
14. Enter comments for the Program Committee (will not be seen by author):

Felix Naumann | SE Beauty is our Business | SS 2007



## Workflow bei Journalen

17

Wie bei Konferenzen, aber

- Laufende Einreichungen
- Längere Paper
- Längere Gutachtendauer
  - Informelleres (aber ausführlicheres) Gutachten
- Zweite (und dritte) Runde
  - Verbesserungen durch Autoren
  - Neuerliche Gutachten
- Umlaufzeit typischerweise 1-3 Jahre

[Double-Blind doesn't go nearly far enough](#) (Widom)

## Überblick

18

- Organisatorisches
- Konferenzen und Journale
  - Gutachten
- Gliederung eines Artikels
- Experimente
- Literaturrecherche



## Artikelarten

19

### Journalartikel (10 – 50 Seiten)

- Oft als Abschluss eines Projektes / einer Dissertation

### Zeitschriftenbeitrag (2 – 10 Seiten)

- Oft mit künftigen Forschungsvorhaben oder Projektüberblicken

### Konferenzbeitrag (6 – 12 Seiten)

- Konkrete Forschungsergebnisse

### Demo auf Konferenz (2-4 Seiten)

- Beschreibung einer Prototyp Demo

### Poster auf Konferenz (3-5 Seiten)

- „kleines paper“

### Workshopbeitrag (6-12 Seiten)

- Forschungsergebnisse im Zwischenstadium

### Technischer Bericht (10-30 Seiten)

- Lange Version eines Konferenzbeitrags
- Herausgegeben von einer Institution
- [http://www.hpi.uni-potsdam.de/forschung/publikationen/technische\\_berichte.html](http://www.hpi.uni-potsdam.de/forschung/publikationen/technische_berichte.html)

Felix Naumann | SE Beauty is our Business | SS 2007

## Typische Gliederung

20

### Das Mariposa Paper

- |                                       |   |                           |
|---------------------------------------|---|---------------------------|
| ■ Abstract                            | → | ■ Abstract                |
| ■ Einleitung                          | → | ■ Introduction            |
| ■ Related Work                        |   | ■ Architecture            |
| ■ Notation, Definitions, Architecture | ↗ | ■ The bidding process     |
| ■ Main Idea(s)                        | → | ■ Storage Management      |
| ■ (Extensions, oft auch nach Exp.)    | → | ■ Names and name services |
| ■ Experiments                         | → | ■ Status and Experiments  |
| ■ Related Work oft auch hier          | → | ■ Related Work            |
| ■ Conclusion and Outlook              | → | ■ Conclusion              |
| ■ (Acknowledgements)                  |   | ■ References              |
| ■ References                          | ↗ |                           |

Und die anderen Paper?

Felix Naumann | SE Beauty is our Business | SS 2007

## Überblick

21

- Organisatorisches
- Konferenzen und Journale
  - Gutachten
- Gliederung eines Artikels
- Experimente
- Literaturrecherche



Felix Naumann | SE Beauty is our Business | SS 2007

## Experimente kritisch begutachten

22

- Welche (vereinfachenden) Annahmen wurden getroffen
- Welche Daten wurden verwendet?
  - Real-World-Daten (Szenario?)
  - Künstliche Daten
  - Datenmenge
- Skalen der Grafiken
- Lesbarkeit der Graphiken
- Interpretation
  - Wurden Auffälligkeiten begründet?
- Vollständigkeit der Experimente
  - Wurden alle Aspekte der vorigen Abschnitte getestet?
  - Wurden alle Fragen beantwortet?
  - Funktionalität und Laufzeit

Felix Naumann | SE Beauty is our Business | SS 2007

## Forschersprache

23

- *It is believed*
  - Ich glaube
- *It is generally believed*
  - Ein paar andere glauben das auch
- *It has long been known*
  - Ich hab mir das Originalzitat nicht herausgesucht
- *In my experience*
  - Einmal
- *In case after case*
  - Zweimal
- *In a series of cases*
  - Dreimal
- *Preliminary experiments showed that...*
  - Wir hoffen, dass...
- *Several lines of evidence demonstrate that...*
  - Es würde uns sehr gut in den Kram passen
- *A definite trend is evident*
  - Diese Daten sind praktisch bedeutungslos
- *While it has not been possible to provide definite answers to the questions*
  - Ein nicht erfolgreiches Experiment, aber ich hoffe immer noch, dass es veröffentlicht wird
- *Three of the samples were chosen for detailed study*
  - Die anderen Ergebnisse machten überhaupt keinen Sinn
- *Typical results are shown in Fig. 1*
  - Das ist die schönste Grafik, die ich habe

Felix Naumann | SE Beauty is our Business | SS 2007

## Forschersprache

24

- *Correct within an order of magnitude*
  - Falsch
- *A statistically-oriented projection of the significance of these findings*
  - Eine wilde Spekulation
- *A careful analysis of obtainable data*
  - Drei Seiten voller Notizen wurden vernichtet, als ich versehentlich ein Glas Bier drüber kippte
- *It is clear that much additional work will be required before a complete understanding of this phenomenon occurs*
  - Ich verstehe es nicht
- *After additional study by my colleagues*
  - Sie verstehen es auch nicht
- *Thanks are due to Joe Blotz for assistance with the experiment and to Cindy Adams for valuable discussions*
  - Herr Blotz hat die Arbeit gemacht, und Frau Adams erklärte mir, was das alles bedeutet
- *The purpose of this study was...*
  - Es hat sich hinterher herausgestellt, dass ...
- *Our results confirm and extend previous conclusions that...*
  - Wir fanden nichts neues
- *It is hoped that this study will stimulate further investigation in this field*
  - Ich geb's auf!

Felix Naumann | SE Beauty is our Business | SS 2007

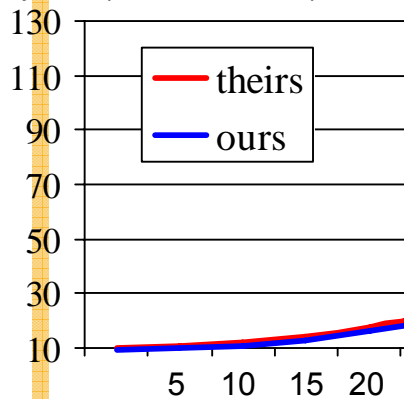
*Thoughts about the Experimental Culture in Our Community*  
An Experiment:  
How to Plan it, Run it,  
and Get it Published  
Gerhard Weikum

Performance Experiments (1)

throughput, response time, #IOs, CPU, wallclock,  
„DB time“, hit rates, space-time integrals, etc.

26

speed (RT, CPU, etc.)



There are lies, damn lies, and workload assumptions

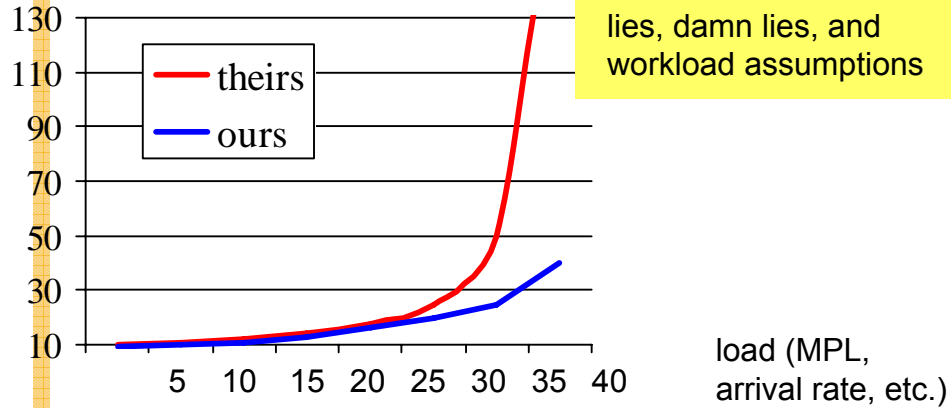
load (MPL, arrival rate, etc.)

## Performance Experiments (1)

throughput, response time, #IOs, CPU, wallclock, „DB time“, hit rates, space-time integrals, etc.

27

speed (RT, CPU, etc.)

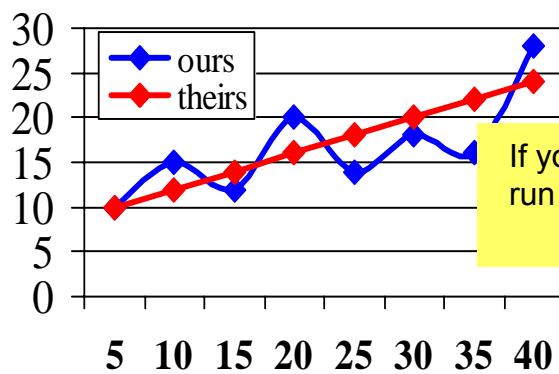


There are lies, damn lies, and workload assumptions

Felix Naumann | SE Beauty is our Business | SS 2007

## Performance Experiments (2)

28

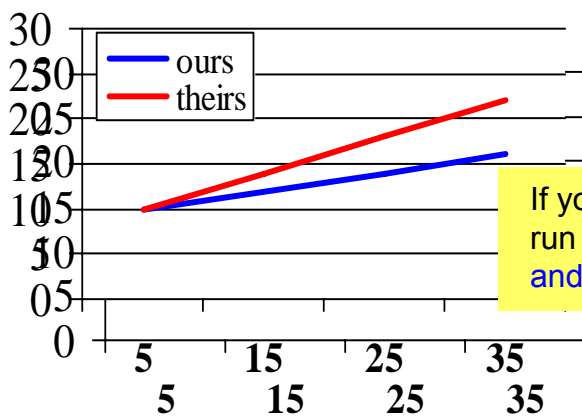


If you can't reproduce it, run it only once

Felix Naumann | SE Beauty is our Business | SS 2007

## Performance Experiments (2)

29

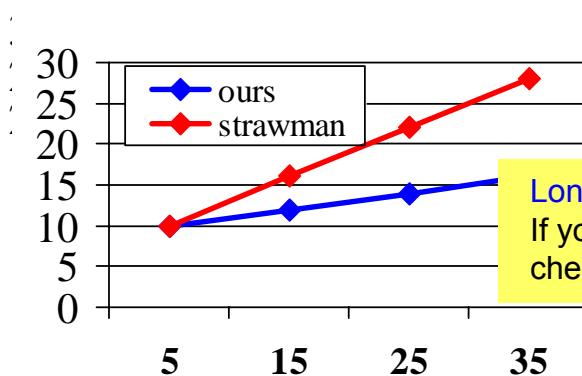


If you can't reproduce it,  
run it only once  
and smoothe it

Felix Naumann | SE Beauty is our Business | SS 2007

## Performance Experiments (3)

30



Lonesome winner:  
If you can't beat them,  
cheat them

90% of all algorithms  
are among the best 10%

93.274% of all statistics  
are made up

Felix Naumann | SE Beauty is our Business | SS 2007

## Überblick

31

- Organisatorisches
- Konferenzen und Journale
  - Gutachten
- Gliederung eines Artikels
- Experimente
- Literaturrecherche



## Suche

32

### Rückwärtssuche

- Suche nach referenzierten Artikeln
- Suche nach längeren Versionen
- Suche nach früheren Versionen

### Vorwärtssuche

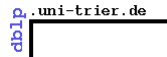
- Suche nach Artikeln, die den vorliegenden referenzieren
  - Vom gleichen Autor
    - Journal-Version
  - Von anderen Autoren
  - In einem survey (Überblicksartikel)



## Suche am Beispiel

33

Recherche auf DBLP

 dblp.uni-trier.de

- <http://www.informatik.uni-trier.de/~ley/db/index.html>
- [Recherche\vldb94-487.html](#)

Recherche auf Citeseer

 CiteSeer.IST  
Scientific Literature Digital Library

- <http://citeseer.ist.psu.edu/>
- [Recherche\392628.html](#)

Recherche auf Google Scholar

 Google  
Scholar BETA

- <http://scholar.google.de/>
- [Recherche\scholar.htm](#)

## Weitere Quellen

34

- ACM (Association for Computing Machinery)
  - Digital Library
  - <http://portal.acm.org/portal.cfm>
- SpringerLink
  - <http://www.springerlink.de/>
- IEEE (Institute of Electrical and Electronics Engineers)
  - <http://www.computer.org/>
- Homepages der Autoren!
- E-Mail Adressen der Autoren
- Und: Bücher