

2nd International Workshop on Benchmarking of Database Management Systems and Data-Oriented Web Technologies

BenchmarkX'10

BENCHMARK<X>

DASFAA
Database Systems for
Advanced Applications

Lecture Notes in
Computer Science
LNCS LNBI LNBI

benchmarkx@ksi.mff.cuni.cz
<http://ulita.ms.mff.cuni.cz/ws/BenchmarkX10/>

Organizers



□ People:

- Jiri Dokulil
- Irena Mlynkova
- Martin Necasky

□ Organization:

Department of Software Engineering
Faculty of Mathematics and Physics
Charles University in Prague
Czech Republic

PC

□ PC

- 14 researchers and specialists

- 11 universities and institutions

- 8 different countries

□ PC chairs

- Eric Pardede

- La Trobe University, Bundoora, Australia

- Martin Necasky

- Charles University in Prague, Czech Republic

Review Process

- Submitted papers: 12
- Each paper reviewed by 3 reviewers
 - Technical merit, originality, significance, and relevance to the workshop
- Accepted papers:
 - Springer post-proceedings: 5
 - Acceptance rate 41,7%



Sponsors

- Department of Software Engineering, Faculty of Mathematics and Physics, **Charles University in Prague**, Czech Republic
- Department of Computer Science, **VSB-Technical University of Ostrava**, Czech Republic
- Grant Agency of the Czech Republic
 - project number P202/10/0573
 - project number 201/09/P364

Workshop Program

- 09:00 – 10:30: **Invited Talk**
 - Chair: Radim Baca, Technical University of Ostrava, Czech Republic
- 10:30 – 10:45: Break
- 10:45 – 12:15: **Session 1**
 - Chair: Irena Mlynkova, Charles University in Prague, Czech Republic
- 12:15 – 13:15: Lunch break
- 13:15 – 14:15: **Session 2**
 - Chair: Radim Baca, Technical University of Ostrava, Czech Republic
- 14:15 – 14:20: End of BenchmarX'10

Invited Talk (09:00 – 10:30)

- **Benchmarking Holistic Approaches to XML Tree Pattern Query Processing**
 - Jiaheng Lu (Renmin University of China)

Session 1 (10:45 – 12:15)

- **Benchmarking the Compression of XML Node Streams**
 - Radim Baca, Jiri Walder, Martin Pawlas, Michal Kratky (Technical University of Ostrava, Czech Republic)
- **Generation of Synthetic XML for Evaluation of Hybrid XML Systems**
 - David Hall, Lena Stromback (Linkopings universitet, Sweden)
- **Benchmarking Publish/Subscribe-based Messaging Systems**
 - Kai Sachs, Stefan Appel, Alejandro Buchmann (Databases and Distributed System Group, TU Darmstadt, Germany)
 - Samuel Kounev (Descartes Research Group, Karlsruhe Institute of Technology, Germany)

Session 2 (13:15 – 14:15)

- **An Experimental Evaluation of Relational RDF Storage and Querying Techniques**
 - Hooran MahmoudiNasab (Macquarie University, Sydney, Australia)
 - Sherif Sakr (University of New South Wales, Sydney, Australia)
- **Analyzer: A Framework for File Analysis**
 - Martin Svoboda, Jakub Starka, Jan Sochna, Jiri Schejbal, Irena Mlynkova (Charles University in Prague, Czech Republic)