EDBT 2006
EDBT 2006
International Conference on Database Technology

edbt
Extending Database Technology
Munich 2006

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International Conference on Database Technology

Organizers

General Chair:
Marc H. Scholl, University of Konstanz - Department of Computer & Information Science

Program Chair:
Yannis Ioannidis, University of Athens - Informatics & Telecommunications

Executive Chair:
Florian Matthes, Technical University of Munich - Department of Informatics: Software Engineering for Business Applications

Panel and Tutorial Chair:
Klemens Böhm, Universität Karlsruhe (TH) - Institute for Program Structures and Data Organization

Industrial an Applications Chair:
Alfons Kemper, Technical University of Munich - Department of Informatics: Database Systems.

Workshop Chair:
Torsten Grust, Technical University of Munich - Department of Informatics: Database Systems.

Demonstrations Chair:
Christian Böhm, Ludwig-Maximilians-Universität München – Department of Informatics: Database Systems.

Program

Sun, Mar 26, 2006	Pre-Conference Workshops, PhD Workshop		
Mon, Mar 27, 2006- Wed, Mar 29, 2006	Conference		
	Presentation of Academic Papers	Presentation of Industrial Papers & Applications	Panels and Tutorials, Demonstrations
Do, Mar 30, 2006 Fri, Mar 31, 2006	Post-Conference Workshop, Conference of the IFIP Working Group 2.6 (Databases)		

Left panel

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...ts focus to broad visions of data, information,
and knowledge management."

Right panel

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From Databas...

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edbt
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Important Dates

September 23, 2005:
Abstract submission (Academic Papers, Industrial and Application Papers, Demonstrations)

September 30, 2005:
Submission of Papers (Academic Papers, Industrial and Application Papers, Demonstrations)

October 7, 2005:
Submission Panels&Tutorials

November 11, 2005:
Notification to authors (Academic Papers, Industrial and Application Papers, Demonstrations, Panels&Tutorials)

December 19, 2005:
Camera-ready copy due (Academic Papers, Industrial and Application Papers, Demonstrations, Panels&Tutorials)

March 26, 2006;
Pre-conference workshops (with PhD Workshop)

March 26-30, 2006:
Conference

March 30-31, 2006
Post-conference workshops

Conference Theme

Ever since its early days, database technology has been challenged and advanced by new uses and applications and has evolved along with application requirements and hardware advances. Today's horizons of the field appear without limits. Technological trends, new computation paradigms, novel applications, sophisticated user interactions, they all require robust and flexible database technology to be deployed in a variety of environments and for several diverse purposes. Peer-to-peer architectures, the Grid, personal information systems, pervasive and ubiquitous computing, networked sensors, biomedical informatics, virtual digital libraries, virtual communities, and trust management are just a small sample of the great challenges ahead of us that drive research and development of the next generation of database technology.

The present environment is a unique opportunity for the field to move away from any narrow interpretation of databases and expand its focus to the hard problems faced by broad visions of data, information, and knowledge management. In this spirit, the banner theme chosen by EDBT 2006 is the following:

"From Database Systems to Universal Data Management"

Researchers are encouraged to send contributions that pick up on brand new challenges and explore new and exciting technical directions wherever data management issues may be found. The conference covers a broad range of topics, including traditional database management as well new issues arising in any possible domain. Prospective authors are encouraged to consider novel topics and approaches rather than incremental improvements of existing results. The following is a non-exhaustive list of topics covered by the conference:

- Ambient Databases
- Approximation and Uncertainty
- Audio/Visual and Multimedia Databases
- Autonomic Databases
- Availability, Reliability, and Scalability
- Benchmarking and Performance Evaluation
- Biological and Medical Databases
- Constraint and Rule Management
- Data Curation, Annotation and Provenance
- Data Mining and Knowledge Discovery
- Data Models and Query Languages
- Data Preservation
- Data Streams and Publish-Subscribe Systems
- Data Structures and Indexing
- Data Warehousing, OLAP, and ETL Tools
- Data, Information, and Knowledge Management
- Database Design and Tuning Digital Libraries Museums, and Archives
- E-<anything> and Data Management
- Heterogeneous Databases and Semantic Interoperability

- Metadata Management
- Middleware and Workflow Management
- P2P and Grid Data Management
- Parallel, Distributed, and Mobile Databases
- Personalization and Personal Information Systems
- Privacy and Security
- Query Processing and Optimization
- Real-Time Databases
- Replication, Caching, and Materialized Views
- Scientific and Statistical Databases
- Spatial, Temporal, and Geographic Databases
- Storage and Transaction Management
- Text Databases and Information Retrieval
- Trustworthy Databases
- User Interfaces and Data Visualization
- Web Information and Services
- XML and Semistructured Databases

Program Committee

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