



CALL FOR PAPERS

15th International Conference on Extending Database Technology EDBT'2012

Berlin, Germany, March 26-30, 2012

<http://edbticdt2012.dima.tu-berlin.de>

Conference Theme

The International Conference on Extending Database Technology is a leading international forum for database researchers, practitioners, developers, and users to discuss cutting-edge ideas, and to exchange techniques, tools, and experiences related to data management. Data management constitutes the essential enabling technology for scientific, engineering, business, and social communities. Data management technology is driven by the needs in applications such as the semantic web, the management of scientific data, data management at Web scale, virtual libraries, and embedded databases. The database community has a continuing tradition of contributing with models, algorithms, and architectures, to the set of tools and applications enabling day-to-day functioning of our societies. Faced with the broad challenges of today's applications, data management technology constantly broadens its reach, exploiting new hardware and software to achieve new innovative results.

EDBT 2012 invites submissions of original research contributions, as well as descriptions of industrial and application achievements and proposals for panels, tutorials and software demonstrations. We encourage submissions relating to all aspects of data management defined broadly, and particularly encourage work on topics of emerging interest in the research and development communities.

Topics of Interest

We welcome papers on topics including, but not limited to, the following:

- * Availability, Reliability, and Scalability
- * Benchmarking and Performance Evaluation
- * Complex Event Processing
- * Data Curation, Annotation and Provenance
- * Data management in Computing Clouds
- * Data Models and Query Languages
- * Data Streams and Publish-Subscribe Systems
- * Data Structures and Indexing
- * Data Mining and Knowledge Discovery
- * Data Warehousing, OLAP, and ETL Tools
- * Database Design and Tuning
- * DBMS on emerging hardware architectures
- * Digital Libraries and Museums
- * Heterogeneous Databases and Interoperability
- * High-Performance Analytics
- * Middleware and Workflow Management
- * Multimedia Databases
- * Parallel, Distributed and Grid Data Management
- * Personal Information Systems
- * Privacy and Security in Trustworthy Databases
- * Query Processing and Optimization
- * Replication, Caching, and Materialized Views
- * Semantic Web and Knowledge Databases
- * Sensor Data Management
- * Scientific and Statistical Databases
- * Social Networks and Analysis
- * Spatial, Temporal, and Geographic Databases
- * Text Databases and Information Retrieval
- * User Interfaces and Data Visualization
- * Web Information and Services
- * XML and Semistructured Databases

Important Dates

Research abstract submission:	Sept. 29, 2011, 5 p.m. PDT
Research paper submission:	Oct. 6, 2011, 5 p.m. PDT
Demo submission:	Oct. 6, 2011, 5 p.m. PDT
Industrial paper submission:	Oct. 6, 2011, 5 p.m. PDT
Tutorial submission:	Oct. 13, 2011
Tutorial notification:	Nov. 10, 2011
Notification to authors:	Jan. 8, 2012
Camera ready copy due:	Feb. 2, 2012
Conference:	Mar. 26-30, 2012

Submission guidelines

All papers should be submitted in electronic format using the [Conference Management Tool](#). Research, demo and industrial papers should all be formatted using the ACM double-column format. The maximum length is 12 pages for research papers, 4 pages for demo papers and 6 pages for industrial papers. More details are provided on the conference website.

Keynote Speakers

Michael Carey (UC Irvine)
Wenfei Fan (University of Edinburgh)
Erich Graedel (RWTH Aachen)
Alon Halevy (Google)

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Volker Markl (Technische Universität Berlin, Germany)

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ICDT Program Chair

Alin Deutsch (University of California, San Diego, USA)

Workshop Chair

Divesh Srivastava (AT&T Labs-Research, USA)

Tutorial Chair

Ioana Manolescu (INRIA, France)

Demo Chair

Felix Naumann (Hasso Plattner Institute, Potsdam, Germany)

Industrial Chair

Sihem Amer-Yahia (QCRI, Doha, Qatar)

Proceedings Chair

Ismail Ari (Özyegin University, Turkey)

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