

- \* 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

#### 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
- 6 pages for industrial papers

More details will be provided on the conference website.

#### EDBT Program Chair

Elke Rundensteiner (Worcester Polytechnic, USA)

#### EDBT Program Committee

Please have a look at the conference website.

#### Important Dates EDBT

Conference:	<b>March 26-30, 2012</b>
Research abstract submission:	<b>September 29, 2011</b>
Research paper submission:	<b>October 6, 2011</b>
Demo submission:	<b>October 6, 2011</b>
Industrial paper submission:	<b>October 6, 2011</b>
Notification to Authors:	<b>January 8, 2011</b>
Camera ready copy due:	<b>February 2, 2012</b>

#### EDBT/ICDT Keynote Speakers

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

#### Website

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

#### General Chair

Volker Markl, Technische Universität Berlin, Germany

#### EDBT Program Chair

Elke Rundensteiner, Worcester Polytechnic Institute, USA

#### 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, Yahoo! Research, USA

#### Proceedings Chair

Ismail Ari, Özyegin University, Turkey

#### Local arrangements Chairs

Ralf-Detlef Kutsche, Technische Universität Berlin, Germany  
 Johann-Christoph Freytag, Humboldt-Universität zu Berlin, Germany

#### Sponsorship Chair

Johann-Christoph Freytag, Humboldt-Universität zu Berlin, Germany

#### Publicity Chair

Agnès Voisard, Freie Universität Berlin and Fraunhofer ISST Berlin, Germany


#### Website Chair

Henning Agt, Technische Universität Berlin, Germany



**March 26-30, 2012 - Berlin, Germany**



Fachgebiet  Volker Markl  
 Datenbanksysteme und  
 Informationsmanagement  
 Technische Universität Berlin

CALL FOR PAPERS  
15<sup>th</sup> International Conference on  
Database Theory  
**ICDT 2012**

**Conference Theme**

The series of ICDT conferences provides an international forum for the communication of research advances on the theoretical foundations of database systems. More information about ICDT can be found at

<http://edbticdt2012.dima.tu-berlin.de>. Originally biennial, the conference is now held annually and jointly with EDBT.

For the 15th edition, we again call for original research papers that provide new insights into the specification, design, or implementation of data management tools.

**Topics of Interest**

ICDT 2012 welcomes papers on topics including, but not limited to, the following:

- Access methods and physical design;
- Active databases;
- Complexity and performance;
- Constraint databases;
- Data exchange and integration;
- Data mining;
- Data models and query languages;
- Data streams;
- Databases and information retrieval;
- Probabilistic databases;
- Databases and workflow;
- Databases and the Semantic Web;
- Databases in e-commerce and in e-services;
- Deductive databases;
- Distributed databases;
- Integrity and security;
- Logic and databases;
- Query optimization;
- Query processing;
- Real-time databases;
- Semi-structured, XML, and Web data;
- Spatial data;
- Temporal data;
- Transaction management
- Views and data warehousing;
- Privacy/Security and databases;

**Submissions**

Paper submission will be electronic. The submission web site is <https://www.easychair.org/conferences/?conf=icdt2012>. The deadline for abstract submission is July 22, 2011 and the deadline for paper submission is July 29, 2011. Authors will be notified of acceptance or rejection by October 28, 2011. More details will be provided on the conference web-site.

Papers must be submitted as PDF documents, according to the ACM proceedings double-column format. Templates to prepare your submission can be found on the ACM SIG Proceedings templates website. It is not permissible to change the template's font size, margins, intercolumn spacing, or line spacing. Templates are available in Word, WordPerfect, and LaTeX (versions 2.09 and 2e). For the LaTeX formats, you may use either the standard style or the SIG-alternate style.

Submissions (including bibliographic references) may not exceed 12 pages. In addition, the authors may include an unbounded-length appendix (e.g. for proof details), to be read at the reviewers' discretion.

**Best Paper/Student/Newcomer Awards**

An award will be given to the best paper. Also, an award will be given to the best paper written by newcomers to the field of database theory. The latter award will preferentially be given to a paper written only by students; in that case the award will be called "Best Student Paper Award". The pro-

**Important Dates ICDT**

Conference:	<b>March 26-29, 2012</b>
Abstract submission:	<b>July 22, 2011</b>
Paper submission:	<b>July 29, 2011</b>
Author notification:	<b>October 28, 2011</b>

CALL FOR PAPERS  
15<sup>th</sup> International Conference on  
Extending Database Technology  
**EDBT 2012**

**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