

# Call for Papers and Proposals

<http://aitrc.kaist.ac.kr/~vlldb06>

# VLDB2006

32<sup>nd</sup> International Conference on  
Very Large Data Bases



The Convention and Exhibition Center(COEX), Seoul, Korea /September 12-15, 2006

## Aims of the Conference

VLDB 2006 is a premier international forum for database researchers, vendors, practitioners, application developers, and users. We invite submissions reporting original results on all aspects of data management as well as proposals for panels, tutorials, and demonstrations that will present the most critical issues and views on practical leading-edge database technology, applications, and techniques. We also invite proposals for events and workshops that may take place at the Conference site between September 10th and 11th before the VLDB 2006 conference.

## Topics of Interest

VLDB 2006 strongly encourages the submission of creative work that goes beyond improvements of already known results. Submissions may cover novel approaches in data management, visions that present new viewpoints and challenges, or a description of the implementation or deployment of advanced database technology in an industrial or application setting. Furthermore, since new challenging applications appear on the horizon, papers that describe those with respect to their technical substance, their impact, and their importance and relate them to today's database technology are also solicited.

To continue the policy of broadening the range of topics covered at the conference, VLDB 2006 will be organized into three tracks, each with its own Program Committee:

- ✓ Core Database Technology
- ✓ Infrastructure for Information Systems
- ✓ Industrial, Applications, and Experience

The Core Database Technology Track will evaluate papers on technologies intended to be incorporated within the database system itself. The topics covered by this track include (but are not limited to):

- Concurrency Control and Recovery
- Query Processing and Optimization
- Semi-structured Data and XML
- Spatial, Temporal and Scientific DB
- Relational Languages and Models
- Image, Text and Multimedia DB
- Parallel, Distributed and Grid DB
- DB Administration and Manageability
- Performance, Evaluation and Benchmark
- Fuzzy, Probabilistic and Approximate Data
- Engine-based Views, Replication, and Caching
- Active Databases
- Real-Time DB
- Private and Secure DB
- DB Indexing and Search
- Reliable and Robust DB
- Embedded and Mobile DB
- Stream DB

The Information Infrastructure Track covers all aspects of data management not implemented within a conventional database engine. The topics covered by this track include (but are not limited to):

- Database Services and Applications
- Information Integration and Retrieval
- Mobile Data Management
- P2P, Networked Data Management
- User Interfaces and Visualization
- Web Replication and Caching
- Middleware for Data Management
- Data Management in Computational Science
- Data Design, Evolution, and Migration
- Information Filtering and Dissemination
- Data Quality and Semantics
- Meta-data Management
- Novel/Advanced Applications
- Profile-based Data Management
- Sensor Networks
- Content Delivery Networks
- Data Mining and OLAP

- Heterogeneous and Federated DBMS (Interoperability)
- Web Services and Web Service Composition
- XML Languages, Models, and Middleware

The Industrial, Applications, and Experience Track covers innovative commercial database implementations, novel applications of database technology, and experience in applying recent research advances to practical situations, in any of the following example areas (or in other areas where data management is important):

- Industrial-Strength Systems based on DB Technology
- Unique Experiences in Using DB Technology
- Designing and Implementing Systems Using DB Technology
- Adapting DB Technology in Industrial Setting
- Financial Justification of Information Systems and Life-Cycle Costs
- Data Management for Developing Countries
- Business Process Engineering, Execution Support
- Medical, Bio and Life-Science Applications
- Digital Libraries/Document Management
- Self-Managing Systems
- Engineering Information Systems
- Telecommunications Applications
- Geographic Information Systems
- Home and Personal Applications
- Reporting of Pitfalls, Difficulties
- Electronic Commerce
- Environmental Management
- Finance Applications
- Government Applications
- Humanities Applications
- Mobile Computing

In some cases, material might cut across more than one of the tracks, and indeed we strongly encourage papers that pursue some of the ties between them. As submissions will be judged by their appropriateness for the track in which they are being evaluated, appropriate placement of papers is important. If in doubt, we suggest contacting one of the PC chairpersons.

## Paper Submission Guidelines

### Research Papers

Papers must adhere to the conference's duplicate submission policy, must be formatted according to the conference's camera-ready format, and are limited to 12 pages. Paper submission must be done electronically using the conference management tools for the Core Database Technology or the Infrastructure for Information Systems track. For each paper, its authors must submit an abstract by March 9th, 2006 (5:00 p.m. Pacific Standard Time). The full paper must subsequently be submitted electronically, in pdf format, by March 16th, 2006 (5:00 p.m. PST). Authors will be notified of the results by May 30th, 2006. Further questions may be addressed to:

**Core Database Track:** David Lomet ([lomet@microsoft.com](mailto:lomet@microsoft.com))

**Infrastructure Track:** Gustavo Alonso ([alonso@inf.ethz.ch](mailto:alonso@inf.ethz.ch))

### Industrial, Applications, and Experience Papers

Full papers or extended abstracts must be submitted electronically, in pdf format, by March 16th, 2006 (5:00 p.m. Pacific Standard Time) using the conference management tool. The conference's duplicate submission policy and the formatting requirements also apply. In particular, each paper must be formatted according to the conference's camera-ready format and the page length is restricted to at most 12 pages. Authors will be notified of the results by May 30th, 2006. Further questions may be addressed to: Guy Lohman ([lohman@almaden.ibm.com](mailto:lohman@almaden.ibm.com))

## Proposal Guidelines

### Demonstration Proposals

Demonstration proposals must be submitted electronically, in pdf format, by March 16th, 2006 (5:00 p.m. Pacific Standard Time) using the conference management tool. Proposals should be focused on new database technology, advances in applying databases, or innovative use of database techniques. Proposals must be submitted in camera-ready format and are limited to 4 pages. They should describe the demonstrated system, indicate what is going to be demonstrated, and state the significance of the contribution to database technology or applications.

Proposals must not be published or under consideration for publication elsewhere. Authors will be notified of the results by May 30th, 2006. Demonstration papers will appear in the proceedings. Further questions may be addressed to: Tore Risch (tore.risch@it.uu.se)

### Tutorial Proposals

Tutorial proposals must clearly identify the intended audience and its assumed background. Tutorials whose audience is broader than the database research community are encouraged. Proposals must be no more than 5 pages and must provide a sense of both the scope of the tutorial and depth within the scope. The intended length of the tutorial (1.5 or 3 hours) should also be indicated, together with justification that a high-quality presentation will be achieved within the chosen time period and the indication of the main learning outcomes. Proposals should also include contact information (name, email address, telephone number, and FAX number) and a brief bio of the presenters. If the proposed tutorial has been given previously, the proposal should include where the tutorial has been given and how it will be modified for VLDB 2006. Proposals must be submitted electronically by March 16th, 2006 (5:00 p.m. Pacific Standard Time) to:

Christos Faloutsos (christos@cs.cmu.edu)

Tutorial presentations will be published and made available to VLDB participants, and must be ready for publication by July 12th, 2006.

### Panel Proposals

Panels should address timely and, preferably, controversial issues and must be debate-oriented rather than series of short presentations. A proposal should include the topic title; a short statement about the importance and relevance of the panel and the potential issues of controversy; a tentative list of questions that will be posed to the panelists; a list of confirmed participants along with their affiliations; and a short bio of each participant. Proposals must be submitted electronically by March 16th, 2006 (5:00 p.m. Pacific Standard Time) to:

Michael Carey (mcarey@bea.com)

Short panel summaries will appear in the proceedings.

### Workshop Proposals

VLDB 2006 will feature a number of co-located workshops on broad topics related to data management, and will be held before the main conference. Proposals for workshops are hereby invited. A proposal should be no more than 5 pages and include the workshop title, technical description of the topic and issues, justification, potential officials, duration, and history (if any) of the workshop. Proposals should be submitted electronically by February 7th, 2006 (5:00 p.m. Pacific Standard Time) to:

Ming-Chien Shan (ming-chien.shan@hp.com).

The decision on the proposal will be notified by March 1st, 2006.

## Important Dates

Feb. 7 <sup>th</sup> , 2006:	Workshop Proposal Deadline
Mar. 9 <sup>th</sup> , 2006:	Abstract Submission Deadline
Mar. 16 <sup>th</sup> , 2006:	Paper, Panel, Demonstration and Tutorial Submission Deadline
May 30 <sup>th</sup> , 2006:	Notification of Acceptance
June 23 <sup>rd</sup> , 2006:	Camera Ready Papers Due
Sep. 12-15 <sup>th</sup> , 2006:	Conference in Seoul, Korea

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