



International Database Engineering & Applications Symposium

Yokohama, Japan, September 18 - 20, 2000

IDEAS2000

CALL FOR PAPERS



The symposium provides an international forum for discussion of the problems of engineering database systems involving not only database technology but the related areas of information retrieval, multimedia, human machine interface and communication.

IDEAS2000 invites quality original papers describing innovative ideas and new findings on system oriented, technological and theoretical aspects of database engineering and applications.

The following is a partial list of topics: Access Methods and Data Structures, Active Databases, Authorisation and DB Security, Concurrency Control and Recovery, Constraint and Rule Management, DBMS Architecture, Data Mining and Knowledge Discovery, Data Models and Database Design, Data Warehousing, Database and Agent Technology, Database Benchmarks, Database Constraint Management, Database Design, Database Evolution and Migration, Database Languages, Database Mining, Database Performance and Benchmarks, Database Programming Languages, Databases and Electronic Commerce, Distributed Database Systems, Engineering Databases, Extensible Database Systems, Financial Applications of Databases, Heterogeneous and Federated Databases, Image and Video Database Systems, Imprecise and Uncertain Information, Interoperability and Cooperative Systems, Information Retrieval and Databases, Interaction Between Database and IR, Internet/Intranet Services and Databases, Knowledge Base Management Systems, Legacy Databases, Logic and Databases Management of Uncertainty, Mobile Computing and Database, Multimedia Database Systems, Multimedia Systems and Digital Libraries, On-line Analytical Processing, Optimisation and Performance, Parallel Database Systems, Query Languages, Query Processing and Optimisation, Real-Time Database Systems, Replication, Caching, and, View Materialization, Scientific and Statistical Databases, Semi-structured Databases and XML, Spatial and Temporal Databases, Tertiary Storage for Databases, Text Databases, Transaction Processing, User Interfaces and Information Visualisation, User and Application Interfaces, View Management, Virtual Library and Databases, Visual Query Languages and Tools, Workflow Systems and Databases, WWW and Database Applications.

Original papers of approximately 5,000 words are invited. The primary focus is on high-quality original unpublished research, case studies and implementation experiences. For short papers or demos, a 1000 word extended abstract should be sent. Papers on implemented systems, from research prototypes to advanced industrial research projects and development are of particular interest.

Electronic submissions are required. Please see the detailed instruction at <http://ideas.concordia.ca/esubmission> or <http://www.cs.concordia.ca/ideas/esubmission>

Submissions will be judged on their originality, significance, correctness and clarity. Salient features should be clearly identified and expressed. In the evaluation of the papers submitted, the program committee will consider: novelty; technical quality; the value of reported results to developers and users of information systems; experiences relating to implementation and application of database engineering; and the depth of challenges to researchers. The proceedings will be published by IEEE

Program committee: Michel Adiba (Grenoble Univ.- IMAG-LSR(France)), Rafi Ahmed (Oracle), Alex Biliris (AT&T Research), Joachim Biskup (Dortmund), Alok Choudhary (Northwestern University), Christine Collet (LSR-IMAG), Isabel Cruz (WPI), Bipin C. Desai (Concordia) *General Chair, Program Co-chair*, Anne Doucet (Pierre et Marie Curie Paris-6), Prabhakar Gokul (Lucent), Gösta Grahne (Concordia), Jonathan Gray (Univ. of Wollongong), William I Grosky (Wayne State Univ.), Jiawei Han (Simon Fraser Univ), Teruhisa Hochin (Fukui Univ.), *Publicity*, Bala Iyer (IBM Santa Teresa Lab), Hasan Jamil (Mississippi State), Leonid A. Kalinichenko (Russian Acad Sci), Brigitte Kerhervé, (UQAM), Yasushi Kiyoki (Keio Univ.) *Program Co-chair, Local Org. Chair*, Laks V. S. (Lakshmanan) (Concordia), Georg Lausen (Freiburg), Mengchi Liu (Regina), Sanjay K Madria (Purdue), Richard McClatchey (CERN), Tim Merrett (McGill), Mukesh Mohania (Western Michigan), Sham Navathe (Georgia Tech.), Raymond Ng (UBC), Sylvia Osborn (UWO), Jaroslav Pokorny (Charles Univ.), Zbigniew W Ras (UNCC), Louiqa Raschid (Maryland), Peter Revesz (Univ. Nebraska-Lincoln), Domenico Sacca (Calabria), Fereidoon Sadri (UNCG), Hans-Joerg Schek (ETH-Zurich), Timos Sellis (NTU: Athens), Nematollah Shiri (Tarbiat Modares-Iran), Divesh Srivastava (AT&T Research), Kazimierz Subieta (Polish Acad Sci.), Subbu Subramanian (IBM Almaden Res.), Roger Tagg (Massey-NZ), Riccardo Torlone (Universita' di Roma Tre), Motomichi Toyama (Keio Univ.), *Local arrangement*, Nectaria Tryfona (Aalborg University), Can Tuerker (ETH-Zurich), John Velissarios (Price Waterhouse), Gottfried Vossen (Univ. of Muenster), Ling Tok Wang (NUS-Singapore), Vlad Wietrzyk (Macquarie-Australia)

- **Conference secretariat:** IDEAS2000, Computer Science, Concordia University, 1455 De Maisonneuve Blvd. Ouest, Montreal, H3G 1M8, CANADA. email: ideas@cs.concordia.ca, fax: +1 514 848 8652, phone: +1 514 848 3000.
- **IDEAS web address:** <http://ideas.concordia.ca> or <http://www.cs.concordia.ca/ideas>

IDEAS2000 is organised by IDEAS and the Database Group at Concordia and sponsored by Concordia, Fukui and Keio universities and in cooperation with IEEE.

Key Dates

Submission deadlines: Regular papers, Short Papers and Demos: Mar 3, 2000, Notification of acceptance: April 14, 2000; Camera ready paper due: May 12, 2000