ICDE '08

24th IEEE International Conference on Data Engineering
April 7-12, 2008, Cancún, México

CALL FOR PARTICIPATION

Data Engineering deals with the use of engineering techniques and methodologies in the design, development and assessment of information systems for different computing platforms and application environments.

The **24th IEEE International Conference on Data Engineering** will provide a forum for:

* sharing research solutions to problems of today's information society
* exposing practitioners to the latest research, tools, and practices
* raising awareness in the research community of the problems and challenges of practical applications of data engineering
* promoting the exchange of data engineering technologies and experience among researchers and practitioners
* identifying new issues and directions for future research and development work
* the exchange and discussion of new ideas and for interacting/networking with peers

HIGHLIGHTS

* 3 *Keynotes*
* 6 *Advanced Technology Seminars*
* 75 *Research* papers with *full presentations*, and 44 *Research* papers with *short presentations*, out of over 600 submissions
* 10 *Workshops* in conjunction with the main conference
* 3 *Panels*
* 75 *Posters* out of 650 submissions
* 13 *Industrial* papers, out of over 50 submissions
* 23 *Demos,* out of over 60 submissions

KEYNOTES

* Hector Garcia-Molina (Stanford University, USA), on *PhotoSpread: A Spreadsheet for Managing Photos*
* Martin Kersten (CWI, The Netherlands), on *The Database Architecture Jigsaw Puzzle*
* Luis von Ahn (Carnegie Mellon University, USA), on *Human Computation*

WORKSHOPS

* *Self-Managing Database Systems* (SMDB)
* *Mining Multimedia Streams in Large-Scale Distributed Environments* (MMSDE)
* *RFID Data Management* (RFDM)
* *Ranking in Databases* (DBRank)
* *Methodologies, Architectures and Systems for Information Integration* (IIMAS)
* *Secure Semantic Web* (SSW)
* *Data and Services Management in Mobile Environments* (DS2ME)
* *Networking Meets Databases* (NetDB)
* *Data Engineering for Blogs, Social Media, and Web 2.0*
* *Similarity Search and Applications* (SISAP)

ADVANCED TECHNOLOGY SEMINARS

* *Mobile and Embedded Database Systems and Technology*

Anil Nori (Microsoft Corp.)

* *Data and Metadata Alignment: Concepts and Techniques*

Lise Getoor (University of Maryland) and Renee Miller (University of Toronto)

* *Exploring the Power of Links in Scalable Data Analysis*

Jawei Han (University of Illinois, Urbana-Champaign), Xiaoxin Yin (Google) and Philip Yu (IBM T.J. Watson)

* *Stream Processing: Going Beyond Database Management Systems*

Sharma Chakravarthy (University of Texas, Arlington)

* *The Java Persistence API (JPA): Technology, Standards, and Implementations*

Patrick Linskey (BEA Systems, Inc.)

* *Performance Evaluation in Database Research: Principles and Experience*

Ioana Manolescu (INRIA Futurs) and Stefan Manegold (CWI)

Venue: CANCUN

ICDE 2008 will take place at **Cancún**, a truly unique spot nestled in the heart of the Mexican Caribbean. Cancún's Hotel Zone is a 14 mile long island shaped like a "7" and connected to the mainland by bridges at either end. Some 25% of this area's natural surroundings are protected in ecological reserves and holds the second largest reef system in the world. Part of its cultural heritage can be seen in dozens of remains of ancient Mayan cities—some more than 2,600 years old—encompassing more than 5,000 buildings or temple mounds.

The conference hotel, **Presidente InterContinental Cancún Resort**, is all you could ever want in a tropical retreat: five-star luxury, premium restaurants and the best, picture-perfect beach in the peninsula. Central shops and nightlife are 10 minutes away, Isla Mujeres is just across the water, and there's a golf course next door.

For more information, visit **www.icde2008.org**