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IEEE Computer Society

CALL FOR PARTICIPATION

20th International Conference on Data Engineering

March 30 - April 2, 2004
Omni Parker House Hotel, Boston, USA

http://www.cse.uconn.edu/icde04

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 20th International Conference on Data Engineering will be held in Boston, Massachusetts, USA -- an academic and technological center with a variety of historical and cultural attractions of international prominence within walking distance.

The ICDE 2004 International Conference on Data Engineering provides a premier forum for:

- sharing research solutions to problems of today's information society;
- exposing practicing engineers to evolving research, tools, and practices and providing them with an early opportunity to evaluate these;
- raising awareness in the research community of the problems of practical applications of data engineering;
- promoting the exchange of data engineering technologies and experience among researchers and practicing engineers;
- identifying new issues and directions for future research and development work.

ICDE 2004 invites research submissions on all topics related to data engineering, including but not limited to those listed below:

1. Indexing, access methods, data structures
2. Query processing (standard and adaptive) and query optimization
3. Data Warehouse, OLAP, and Statistical DBs
4. Mining Data, Text, and the Web
5. Semi-structured data, metadata, and XML
6. Web Data Management
7. Middleware, workflow, and security
8. Stream processing, continuous queries, and sensor DB's
9. Database applications and experiences
10. Distributed, parallel and mobile DB's
11. Temporal, Spatial and Multimedia databases
12. Scientific and Biological DBs; Bioinformatics

PROGRAM

- 63 research papers from 441 full submissions
- Three plenary speakers
- Four panels
- Three 3-hour seminars, four 1.5-hour seminars
- 21 poster papers
- 12 industrial papers
- 16 demos

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