Advances in Database Technology – EDBT 2008

11th International Conference
on Extending Database Technology
Nantes, France, March 25–29, 2008
Proceedings

Editors:
Alfons Kemper (Technische Universität München, Germany)
Patrick Valduriez (INRIA and LINA, France)
Noureddine Mouaddib (INRIA and LINA, France)
Jens Teubner (IBM T.J. Watson Research Center, USA)
Mokrane Bouzeghoub (Univ. of Versailles, France)
Volker Markl (IBM Almaden Research Center, USA)
Laurent Amsaleg (IRISA, France)
Ioana Manolescu (INRIA-Futurs, France)

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The Association for Computing Machinery
2 Penn Plaza, Suite 701
New York, NY, 10121-0701

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Foreword

The EDBT series of conferences is an established and prestigious forum for the exchange of the latest research results in data management. Held every two years in an attractive European location, the conference provides unique opportunities for database researchers, practitioners, developers, and users to explore new ideas, techniques, and tools, and to exchange experiences.

The previous EDBT events were held in Venice, Vienna, Cambridge, Avignon, Valencia, Konstanz, Prague, Heraklion and Munich. The 11th International Conference on Extending Database Technology (EDBT 2008) was held from March 25 to 29, 2008 in Nantes, France.

Data management constitutes the essential enabling technology for scientific, engineering, business, and social communities. Technological trends, new computation paradigms, novel applications, sophisticated user interactions, they all require robust and flexible database technology to be deployed in a variety of environments and for several diverse purposes. Peer-to-peer architectures, the Grid, personal information systems, pervasive and ubiquitous computing, networked sensors, biomedical informatics, virtual digital libraries, virtual communities, and trust management are just a small sample of the great challenges ahead of us that drive research and development of the next generation of database technology.

The new information paradigms and requirements will move our research community away from any narrow interpretation of databases and expand its focus to the hard problems faced by broad visions of data, information, and knowledge management.

Researchers submitted contributions that picked up on brand new challenges and explored new and exciting technical directions wherever data management issues may be found. EDBT 2008 invited submissions of original research contributions, as well as proposals for panels, tutorials and software demonstrations. The EDBT conference series covers a broad range of topics, including traditional database management as well new issues arising in any possible domain. To substantially advance the state of the art authors were encouraged to consider novel topics and approaches rather than incremental improvements of existing results.

Putting together the EDBT 2008 proceedings was a true team effort. Special thanks go to the members of the various program committees.

Thanks to the dedicated effort of the program committee members of the Research Track we were able to select 52 high-quality research papers out of the initially 311 submitted proposals. These papers were clustered into 17 sessions and presented during the three main days of the conference.

The industrial and application track program committee selected 7 high quality papers out of 16 submissions. These papers will be presented in 2 sessions during the conference.

Overall, the PC chairs are looking forward towards an insightful and inspirational conference.

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