

Editor's Notes

It is my pleasure to present you the June 2003 issue. We have articles in the regular research papers section, the book review section, the career forum section, the workshop reports section, and the following five special feature columns: the Distinguished Data Base Profile, the Data Base Principle, the industry perspective, the Reminiscences on influential papers, and the Standards.

There are seven research papers in the Articles section. The first article by Golab and Ozsu presents an interesting analysis on problems with existing approaches to handling continuously changing data streams, focusing on a number of important issues in data stream processing, ranging from application requirements, stream data models, continuous query language for stream data, to stream query processing. The second paper authored by Jukic, Nestorov, Vrbsky addresses key loophole problem in multi-level secure databases (MLS). The third paper, contributed by Gottlob, Koch, and Pichler, presents formal semantics and efficient processing algorithms for Xpath queries. This is a reprint of the paper with the same title appeared in March 2003 due to editing errors occurred in the production process. The fourth paper presents a confidence-based page ranking scheme for Web search, written by Mukhopadhyay, Giri, and Singh. The fifth paper reports the research on modeling temporal thematic map contents by Alberto d'Onofrio and Elaheh Pourabbas. The sixth paper discusses a list of challenging research issues on data communication in MOBILE ad-hoc NETWORK (MONET) database systems. The Articles section ends with an article reporting the result of a study on the degree programs of the Spanish universities by Calero, Piattini, and Ruiz.

The *Book Reviews* section editor Karl Aberer provides reviews on three interesting books, **Fundamentals of Data Warehouses** by Matthias Jarke, Maurizio Lenzerini, Yannis Vassiliou, Panos Vassiliadis; **Peer-to-Peer: Harnessing the Power of Disruptive Technologies** by Andy Oram (Ed.); and **Information Rules** by Carl Shapiro and Hal R. Varian.

The *Distinguished Database Profiles* column presents you with an interview with Dr. Michael Stonebraker, edited by the column editor Marianne Winslett. Mike played an instrumental leadership role in the success of INGRES. He shared his experience and thoughts on INGRES endeavor, the experiences with two startups, and his viewpoints on several topics, including middleware, database theory, and startups. The *Influential Papers* column editor Ken Ross presents us with two contributions. The *Reports* section editor Avigdor Gal provides readers with two workshop or regional database conference reports, one on the 10th Conference on Database Systems for Business, Technology, and the Web (BTW 2003), and the other on the 17th Brazilian Symposium on Database Systems (SBBD 2002). The *Standards* column editors, Andrew Eisenberg and Jim Melton, contribute an interesting article on XML schema, jointly with Charles Campbell, an expert in the W3C's XML Schema Working Group. The *Career Forum* section entertains you with two interesting articles. The first article by Ailamaki and Gehrke share with us their experience and advice on time management for new faculty. The second article by Winslett, Ma, Xu share their experiences and advices on two-body job searches. This issue ends with a thank note to reviewers of TODS by the ACM TODS editor in chief Richard Snodgrass.

Finally, I would like to express my special thanks to the associate editors and the authors for their hard work in putting together another excellent issue. I hope this issue provides you an enjoyable summer readings.

Ling Liu

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