

Book Review Column

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In this issue of SIGMOD RECORD we present three new reviews.

Web Caching and Replication by Michael Rabinovich and Oliver Spatscheck. Review by: *Qiang Wang and Brian D. Davison*. Caching and replication of Web data is an extremely important aspect in optimizing the access to information on the Web. This book provides an excellent introduction into the area both for researchers and practitioners.

Data on the Web: From Relational to Semistructured Data and XML by Serge Abiteboul, Peter Buneman, and Dan Suciu. Review by: *Fernando Berzal and Nicolás Marín*. This has been probably the first book that provides a systematic overview on the fast growing field of semi-structured data. It establishes connections among formal models and their practical instantiations, such as XML and has surely become already a classic in the field.

Spatial Databases with Application to GIS by Philippe Rigaux, Michel Scholl, and Agnes Voisard. Review by: *Nancy Wiegand*. This book provides a comprehensive overview on managing spatial data with an emphasis on using extensible database systems. Thus it bridges among two fields, databases and GIS, that largely have developed independently.

For the next issue I am proposing for the special database topics a number of recent books. Please note that a growing number of books proposed for review are available at

www.acm.org/sigmod/record/bookreviews.html

Use this list just as a suggestion and feel free to also select other books among your favorite books for reviews. In particular I am awaiting still reviews on standard database textbooks. Our community is surely interested in learning about good textbooks and experiences made when

using them for teaching. On the Web page you also find book review guidelines.

If you are interested in submitting a book review for either proposed books or books you have selected on your own contact me by E-mail (karl.aberer@epfl.ch). I will try to obtain a copy of a book from the publisher, if needed. Reviews for the forthcoming March 2004 issue should be submitted by January 1st, 2003. The length of a book review should not exceed 2 pages.

If you would like to contribute to this column, to propose other books for review or to express your opinion on this column in general, please don't hesitate to contact me. I am looking forward to your contributions.

Karl Aberer,
Associate Editor.

New books proposed for the next issue:

SPECIAL DATABASE TOPICS

Intelligent Database Systems, E. Bertino, B. Catania and G.P. Zarri, Addison-Wesley and ACM Press, 2001.

XML Data Management: Native XML and XML-Enabled Database Systems, Akmal B. Chaudhri, Awais Rashid, Roberto Zicari, Addison Wesley, 2003.

Modeling the Internet and the Web, P. Baldi, P. Frasconi, P. Smyth, Wiley, 2003.

Data Quality, Richard Y. Wang, Mostapha Ziad, Yang W. Lee, Kluwer, 2000.

Data Quality: The Accuracy Dimension, Jack Olson, Morgan Kaufmann, 2003.