1. Record Nr.   UNISA996465814703316

   Titolo   Database and XML Technologies : 5th International XML Database
                        Symposium, XSym 2007, Vienna, Austria, September 23-24, 2007 ;
                        proceedings / / Denilson Barbosa [and four others], editors

   Pubbl/distr/stampa   Berlin : , : Springer, , [2007]
                        2007

   ISBN   3-540-75288-9

   Edizione   [1st ed. 2007.]

   Descrizione fisica   1 online resource (X, 144 p.)

   Collana   Lecture Notes in Computer Science ; ; 4704

   Disciplina   005.7565

   Soggetti   Database management
                        XML (Document markup language)

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto   Invited Talks -- Normalization Theory for XML -- Dynamic Fusion of
                        Web Data -- XPath Query Answering -- XPath Query Satisfiability is in
                        PTIME for Real-World DTDs -- Fast Answering of XPath Query
                        Workloads on Web Collections -- XQuery Evaluation and Performance
                        -- Let a Single FLWOR Bloom -- Efficient XQuery Evaluation of
                        Grouping Conditions with Duplicate Removals -- On the Effectiveness
                        of Flexible Querying Heuristics for XML Data -- XML Updates, Temporal
                        XML Data and Concurrency -- XML Schema Evolution: Incremental
                        Validation and Efficient Document Adaptation -- Managing Branch
                        Versioning in Versioned/Temporal XML Documents -- SXDGL: Snapshot
                        Based Concurrency Control Protocol for XML Data -- Panel -- The
                        Generation Y of XML Schema Matching Panel Description.

   Sommario/riassunto   Since its first edition in 2003, the XML Database Symposium series
                        (XSym) has been a forum for academics, practitioners, users and
                        vendors to discuss the use of and synergy between databases and XML.
                        The previous symposia have provided opportunities for timely
                        discussions on a broad range of topics pertaining to the theory and
                        practice of XML data management and its applications. XSym 2007
                        continues this tradition with a program consisting of three research
                        sessions, two keynote talks and a panel. We received 28 full paper

submissions, out of which 8 were accepted for publication in these proceedings. Each submitted paper underwent a rigorous and careful review by a minimum of 4 independent referees. The contributions in these proceedings are a fine sample of the very best current research in XPath and XQuery processing, XML Updates, Temporal XML and Constraints. This volume also contains two invited short papers by the XSym 2007 keynote speakers: Leonid Libkin (University of Edinburgh, UK) contributed a thorough discussion of Normalization Theory for XML, while Erhard Rahm (University of Leipzig, Germany) contributed an interesting overview of the work on Dynamic Fusion of Web Data carried out at his - search group. This year, XSym will top its program off by an exciting panel with the title "The Generation Y of XML Schema Matching". It was proposed and is organized by Avigdor Gal from Technion – Israel Institute of Technology.