Preface

The XSDM’05 (XML Schema and Data Management) workshop is the second international workshop running this year in conjunction with the ICDE’05 conference. The workshop will provide an important forum for the dissemination and exchange of new ideas and, research related to XML schema and data management issues.

The objective of the workshop is to bring together researchers and practitioners to discuss all aspects of the emerging XML schema related issues. Both theoretical papers and papers reporting implementation and practical results were solicited. The topics of interest included, but were not limited to:

XML schema discovery
XML data integration
Storing and Indexing XML data
XML query languages and optimization
XML data semantics
Semantic web and XML
Mining of XML data
XML change management
XML views and data mappings
Securing XML data
XML in Web Services
XML in new domains- sensor and biological data management

We have selected 13 high quality full papers for the discussion and presentation in the workshop out of 34 submissions and for inclusion in the proceedings after peer-reviews by at least three members of the Program Committee. The workshop program includes three sessions. The first session is on XML Indexing, Access Control and Monitoring. The second session focuses on the important issue of XML Query Optimization. And, the last session is on XML Schema Management.

Major credit for the quality of the workshop program is due to the many authors who submitted papers under relatively pressureing time deadlines and to members of the Program Committee who shared their expertise and time to make XSDM 2005 a success.

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