

Call for Papers
International Workshop on Database Technologies for Handling XML
information on the Web
March 14, 2004, Heraklion - Crete (Greece)

<http://www.disi.unige.it/person/MesitiM/dataX/>

In conjunction with [EDBT 2004](#)

Themes and Goals

The workshop theme is the use of Database Technology and the Extensible Markup Language (XML) in the Web. Modern database systems enhance the capabilities of traditional database systems by their ability to handle any kind of data, including text, image, audio, and video, and to provide access to these data via SQL-like query languages. Today, database systems are particularly relevant to the Web, as they can provide input to content generators for Web pages, and can handle queries issued over the Internet. As database systems increasingly start talking to each other over the Web, there is a fast growing interest in using XML as the standard exchange format. As a result, many relational database systems can export data as XML documents and import data from XML documents. XML is on its way to becoming the communication standard of the Web. Moreover, there is an increasing trend to store XML-data in database systems and, by this, make it easier to access and maintain. In the meantime, some commercial database systems are already on the market that are especially tailored to store, maintain and easily access XML-documents.

The goal of this workshop is to bring together academics, practitioners, users and vendors to discuss the use and synergy between the above-mentioned technologies. Many commercial systems built today are increasingly using these technologies together and it is important to understand the various research and practical issues. The wide range of participants will help the various communities understand both specific and common problems.

Topics of Interest

In order to foster a lively exchange of perspectives on the conference topics, the program committee encourages contributions from both researchers and practitioners. Topics of interest include, but are not limited to:

- Methodology and tools for the design of XML schemas and DTDs
- Interchange and integration of XML data
- Metrics for XML documents and schemas
- XML query languages
- Storage and compression of XML data
- Indexing and retrieval of XML data
- Query processing over XML data
- Benchmarks and performance
- XML Infrastructure technology
- Streaming of XML documents
- Security and privacy with XML
- Selective dissemination of XML documents
- XML and e-commerce
- XML and business (XML/EDI)
- XML Ontologies for semantic Web
- Convergence of XML and Information Retrieval
- Convergence of XML and Decision support
- Web mining
- Navigation of XML documents on the Web

Paper Submission

Workshop submissions must generally be in electronic form using Portable Document Format (.pdf), PostScript (.ps) or WinWord (.doc). Papers must be unpublished and not exceed 15 pages in length. Papers should be formatted according to the Springer-Verlag Lecture Notes in Computer Science (LNCS) guidelines. LNCS formatting guidelines and templates can be found at <http://www.springer.de/comp/lncs/authors.html>. All submitted papers will be judged on their quality and relevance from at least 3 members of the program committee. At least one author of each accepted paper must attend the workshop to present their work. Authors shall submit their papers electronically to dataX@disi.unige.it with an ASCII version of the title and abstract.

Publication

Accepted papers will be included in the informal proceedings to be distributed at the Workshop. Post-workshop proceedings will appear in the LNCS series published by Springer-Verlag.

Important Dates

Paper Submission Deadline:	NEW DEADLINE 18 January 2004
Notification of Acceptance:	20 February 2004
Camera Ready Copy:	1 March 2004
Workshop:	14 March 2004

Workshop Program Committee

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