

Call for Papers
ACM Symposium on
Document Engineering 2004
Milwaukee, Wisconsin USA
October 28-30, 2004

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Documents are one of the centerpieces of globally interconnected systems that store information drawn from many media and deliver that information as active documents that adapt to the needs of their users. A document may be stored in final presentation form or it may be generated on-the-fly, undergoing substantial transformations in the process. Documents, that may include extensive hyperlinks, also make available structured collections of information on which to anchor automated reasoning, such as promoted through the Semantic Web. Furthermore, document technologies like XML are having a profound impact on data modeling in general because of the way they bridge and integrate a variety of paradigms (database, knowledge representation, and structured document).

The **Symposium on Document Engineering** is an academic conference devoted to the dissemination of research on models, tools and processes that improve our ability to create, manage and maintain documents. DocEng 2004, the fourth annual meeting, seeks high-quality, original papers and panels that address the theory, design, development, and evaluation of computer systems that support the creation, analysis, distribution and, interaction with documents in any medium.

Conceptual topics and technologies relevant to the symposium include (but are not limited to):

Document standards, models, representation languages	Markup languages (SGML, XML)
Document authoring tools and systems	Style sheet systems and languages (CSS, XSL, DSSSL)
Document presentation (typography, formatting, layout)	Structured multimedia (MPEG-4, SMIL, MHEG, HyTime)
Document synchronization and temporal aspects	Metadata (MPEG-7, RDF)
Document structure and content analysis	Document database systems and Query Languages
Document categorization and classification	Optical character recognition
Document internationalization	Type representations (Adobe Type 1, TrueType)
Integrating documents with other digital artifacts	Page description languages (PostScript, PDF)
Document engineering life cycle and processes	Electronic books (E-book) and digital paper
Document workflow and cooperation	Applications of constraint systems for document engineering
Document engineering in the large	Document transformation (XSLT, XQuery)
Document storage, indexing, and retrieval	Document services on wireless networks (WAP)
Automatically generated documents	Document linking standards (XLink, XPath, XPointer)
Adaptive documents	Document APIs (SAX, DOM)
Performance of document systems	

Important dates

	Full Papers	Panel Proposals	Short Papers
Abstracts due:	April 26, 2004	April 26, 2004	—
Papers due:	May 10, 2004	May 10, 2004	July 16, 2004
Acceptance notice by:	July 1, 2004	July 1, 2004	August 13, 2004
Revised versions due:	August 20, 2004	August 20, 2004	August 20, 2004

Organizing committee

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