

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

[www.documentengineering.org](http://www.documentengineering.org)

Sponsored by ACM SIGWEB

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:	<b>April 26, 2004</b>	<b>April 26, 2004</b>	—
Papers due:	<b>May 10, 2004</b>	<b>May 10, 2004</b>	<b>July 16, 2004</b>
Acceptance notice by:	<b>July 1, 2004</b>	<b>July 1, 2004</b>	<b>August 13, 2004</b>
Revised versions due:	<b>August 20, 2004</b>	<b>August 20, 2004</b>	<b>August 20, 2004</b>

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## Submission information

Authors are invited to submit original, unpublished research papers that are not being considered in another forum. Authors may submit full papers (up to 10 pages length) or short papers (up to 3 pages in length). Full papers should describe complete works of original research. Short papers provide an opportunity to report on research in progress, to present novel positions on document engineering, or to demonstrate exciting new systems. Full paper presentations will be 30 minutes in length, while short papers will be presented in 15 minutes.

Panel organizers are invited to submit panel proposals. A panel should bring together a variety of expert voices on a topic of considerable interest. The topic may be interesting because it is controversial, because it is of great importance to society or to the field, or because it leads us to think about future directions for document engineering. A panel proposal may be up to three pages in length. It should describe the topic of the panel and why it will be interesting to the symposium's participants. It should also list the panelists, briefly describing their expertise and should note whether any panelist's participation is tentative. (Note: panelists are expected to register for the symposium.)

Detailed submission information will be found on the Document Engineering Web site ([www.documentengineering.org](http://www.documentengineering.org))

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