

DocEng 2013

September 10-13, Florence, Italy

Call for Papers

Documents are communication artifacts in any form and in any media; they can be simple or compound, static or time-varying, private or open. Document collections increasingly underpin research, education, commerce, entertainment – the full range of human activity. Document engineering covers both the innovative use of documents and document collections in real-world applications and the study of principles, tools and processes that improve our ability to create, manage, maintain, share, and productively use these.

You are invited to submit original papers to the 13th ACM Symposium on Document Engineering (DocEng 2013), to be held at the University of Florence. Attendees at this international forum have interests that span all aspects of document engineering and applications. DocEng is sponsored by ACM by means of the ACM SIGWEB Special Interest Group. Proceedings are available through the ACM Digital Library.

Important Dates

Full papers: Deadlines passed

Workshops & tutorials: Deadlines passed

Short papers, application notes & posters:

- abstracts due: **Sunday, May 19, 2013**
- manuscripts due: **Wednesday, May 22, 2013**
- acceptance notice: **Friday, June 14, 2013**

Symposium format

DocEng is a single track conference attended by a community of academic and industrial researchers. It will be preceded by one day of workshops and tutorials.

Paper submission

Authors are invited to submit original work in one of the following forms:

Full papers describe complete works of research (up to 10 pages).

Short papers report on smaller complete works of research or novel challenges or visions (up to 4 pages);

Application notes describe systems or tools of interest to the DocEng community (up to 4 pages);

Posters report on research in progress (up to 2 pages).

Accepted full papers and short papers will be given oral presentations and an optional system demonstration. Posters and application notes will have a poster presentation and/or system demonstration.

Workshop/tutorial proposals: Tutorials are by a domain expert and introduce a current topic of interest to symposium attendees while workshops provide an informal setting in which to develop vision and exchange ideas in a specialized field of interest (up to 4 pages).

Submissions will be through EasyChair and should adhere to the ACM SIG Proceedings format.

Support for students

Students presenting their work at DocEng 2013 will be eligible to apply for SIGWEB Student Travel Awards.

Symposium Chair: Simone Marinai (*Italy*)

Program Chair: Kim Marriott (*Australia*)

Publicity Chair: Tamir Hassan (*Austria/Germany*)

Local Arrangements Chair: Enrico Francesconi (*Italy*)

Program Committee: Please see the conference website

Topics relevant to the symposium include (but are not limited to):

Modeling and Representation:

- Document representation and standards including interchange standards, markup languages (inc. SGML), style sheets, type representation, multimedia (incl. HTML-5, MPEG, SMIL, SVG), eBook standards (ePub)
- Metadata creation and standards, use of semantic web technologies
- Hypertext/hypermedia, distributed documents, blogs, wikis
- Linking techniques and standards, integration with other digital artifacts

Generation, Manipulation, and Presentation:

- Document authoring tools and systems
- Document presentation (typography, formatting, layout) algorithms and systems (TeX, browsers)
- Automatically generated documents, automated layout and composition, variable data printing
- Adaptive, responsive documents, content customization
- Mobile platforms and documents
- Document transformation and rich-web-client models

Collections, Systems, and Management:

- Collections databases and repositories, storage, indexing, retrieval, versioning, deduplication
- Enterprise content management: models and standards (CMIS), scale and performance, platforms and applications
- Digital libraries and archives, preservation systems
- Document system components: security, APIs (SAX, DOM), versioning, synchronization
- Document systems and workflows

Document Analysis:

- Structure and representation analysis (layout, OCR, visual analysis)
- Linguistic and semantic (content) analysis, categorization, classification

Internationalization:

- Document internationalization, multilingual representations
- Multi-lingual and cross-lingual indexing and search

User Experience:

- Navigation, search
- Usability, accessibility, readability and aesthetics
- Collaborative authoring and editing, curation and annotation
- Workflows, integration and interaction between human and automated processes

Applications:

- Digital humanities, digital preservation and archiving
- eBooks and digital publishing
- and all other application areas

www.doceng2013.org