

IAPR TC10 Newsletter

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<http://iapr-tc10.univ-lr.fr>

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Message from the editors

Welcome to the May edition of the TC10 newsletter.

In this newsletter you will find information about the CLEF-IP evaluation campaign, the next coming events and the open PhD position at the University of Tours (France).

Jaehwa Park and Alicia Fornés, IAPR-TC10 Newsletter Editors.
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Call for Papers

Event/Location/Web	Event Date	Deadline (paper submission)
DocEng 2012, http://doceng2012.wp.mines-telecom.fr/	September 4-7, 2012	May 18th and 25th, 2012 (short papers)
DRR 2012 http://www.cs.rit.edu/~drr2013	February 5-7, 2013	July 23, 2012

DocEng 2012

12th ACM Symposium on Document Engineering Telecom ParisTech (DocEng),
Paris France, Sept. 4-7, 2012
<<http://doceng2012.wp.institut-telecom.fr/>>

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 underpin research, education, commerce, entertainment ? a full range of human activity. Document engineering encompasses the study of principles, tools and processes that improve our ability to create, manage, maintain, share, and access documents and document collections.

You are invited to submit original papers to the 12th ACM Symposium on Document Engineering (DocEng 2012). Attendees at this international forum have interests that span all aspects of document engineering and the full breadth of document types and applications. DocEng is sponsored by ACM by means of the ACM SIGWEB Special Interest Group.

Proceedings are available through the ACM Digital Library.

We have received a number of requests to allow some extra time for full paper extensions. We have decided to delay the deadline for abstract submission one week, until April 13. Full paper submissions will accordingly be due April 20th.

Important dates

- May 18, 2012 Short Paper Abstracts due
- May 25, 2012 Short Papers due

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

- Document Analysis,
- Modeling and representation,
- Collections, Systems, and Management
- Generation, Manipulation, and Presentation
- Internationalization

For more information, see the conference website at : <<http://doceng2012.wp.institut-telecom.fr/>>

DocEng Organizing Committee

DRR 2012

Document Recognition and Retrieval XX (2013)

<http://www.cs.rit.edu/~drr2013>

San Francisco, USA Feb. 5-7, 2013

Paper Submission **Deadline** : July 23, 2012 (11:59 PST)

Document Recognition and Retrieval (DRR) is one of the leading international conferences devoted to current research in document analysis, recognition and retrieval. The 20th Document Recognition and Retrieval Conference is being held as part of SPIE Electronic Imaging, from Feb. 5-7, 2013 in San Francisco, California, USA.

The conference venue and hotel will be the Hyatt Regency near the San Francisco Airport (SFO).

The Conference Chairs and Program Committee invite all researchers working on document recognition and retrieval to submit original research papers. Papers are presented in oral and poster sessions at the conference, along with invited talks by leading researchers. Accepted papers will be published by the SPIE in the conference proceedings. At the conference a Best Student Paper Award will be presented.

Papers are solicited in, but not limited to, the areas below.

Document Recognition

- Text recognition: machine-printed, handwritten documents; paper, tablet, camera, and video sources
- Writer/style identification, verification, and adaptation
- Graphics recognition: vectorization (e.g. for line-art, maps and technical drawings), signature, logo and graphical symbol recognition, figure, chart and graph recognition, and diagrammatic notations (e.g. music, mathematical notation)
- Document layout analysis and understanding: document and page region segmentation, form and table recognition, and document understanding through combined modalities (e.g. speech and images)
- Evaluation: performance metrics, and document degradation models
- Additional topics: document image filtering, enhancement and compression, document clustering and classification, machine learning (e.g. integration and optimization of recognition modules), historical and degraded document images (e.g. fax), multilingual document recognition, and web page analysis (including wikis and blogs)

Document Retrieval

- Indexing and Summarization: text documents (messages, blogs, etc.), imaged documents, entity tagging from OCR output, and text categorization
- Query Languages and Modalities: Content-Based Image Retrieval (CBIR) for documents, keyword spotting, non-textual query-by-example (e.g. tables, figures, math), querying by document geometry and/or logical structure, approximate string matching algorithms for OCR output, retrieval of noisy text documents (messages, blogs, etc.), cross and multi-lingual retrieval
- Evaluation: relevance and performance metrics, evaluation protocols, and benchmarking
- Additional topics: relevance feedback, impact of recognition accuracy on retrieval performance, and digital libraries including systems engineering and quality assurance

Important Dates

- 23 July, 2012: Paper submission deadline
- Late August, 2012: Author notifications

- 26 November, 2012: Final paper submission deadline
- 5-7 February, 2013: Conference dates

Paper Submission

All paper submissions should be between 8-12 pages in length, using the SPIE LaTeX template (available from conference web pages). For accepted papers, final submissions will also be 8-12 pages in the same format. Papers should clearly identify the problem addressed in the paper, identify the original contribution(s) of the paper, relate the paper to previous work, and provide experimental and/or theoretical evaluation as appropriate. Submissions should be uploaded through the conference web site (<http://www.cs.rit.edu/~drr2013/submission.html>).

Questions may be addressed to: drr2013@cs.rit.edu.

Richard Zanibbi Assistant Professor, Department of Computer Science Rochester Institute of Technology, NY, USA <http://www.cs.rit.edu/~rlaz/>

CLEF-IP: Information Retrieval in the Intellectual Property Domain

CLEF-IP is an evaluation campaign organized as a Lab of the CLEF conference (<http://clef2012.org>). It evaluates information retrieval for tasks in the intellectual property domain. Four new tasks have been developed for 2012, and participants can choose to participate in one or more tasks. "Flowchart Recognition Task" involves the interpretation of images of flowcharts in patents. Participants in this task will be asked to extract the information in these images and return it in a predefined textual format. Detailed instructions on the task and training data download are here: <http://www.ifs.tuwien.ac.at/~clef-ip/flowcharts.shtml>

For more information and to register to participate, see: <http://ifs.tuwien.ac.at/~clef-ip/>

PhD position open at the University of Tours, France

PhD position open : "Mass graph indexing : Application to content-based image retrieval"

Starting date not before Sept. 2012.
Deadline for applications: May 12th, 2012

More information at : http://www.rfai.li.univ-tours.fr/Documents/Annonces/Diffusion_these_rfai_2012_en.pdf

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Call for Datasets

We would like to remind you that the TC10 and TC11 Web sites always welcome contributions of new datasets or other resources related to the community. We would like to encourage all the TC11 members to submit such material to the TC11 for archiving. The availability of datasets, ground truth and performance evaluation tools online is not only good practice, but also a requirement for a field to progress. We would like make a special request to the organizers of recent and future competitions. Independently of whether you have the competition datasets and evaluation tools available through other Web sites, please consider archiving them with TC10 / TC11 as well. Web sites often go off-line and useful resources are frequently lost forever. Please check the TC10 site on information about how to submit datasets for archiving. <http://iapr-tc10.univ-lr.fr/index.php/datasets-and-software>

Dimosthenis Karatzas and Bart Lamiroy TC-11 and TC-10 Dataset Curators

Call for Contributions

Please contribute relevant news to TC10 groups. Please send any relevant event, notice or link to the newsletter editors: Jaehwa Park <jaehwa@cau.ac.kr> and Alicia Fornes <afornes@cvc.uab.es>.

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To manage your subscription, please visit the mailing list homepage at: <http://iapr-tc10.univ-lr.fr>