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# Document Recognition and Retrieval XXI

Part of IS&T/SPIE Electronic Imaging 2014 (Conference EI113)

Web page: <http://drr2014.irisa.fr>

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**Document Recognition and Retrieval (DRR)** is one of the leading international conferences devoted to current research in document analysis, recognition and retrieval. The 21<sup>st</sup> Document Recognition and Retrieval Conference is being held as part of the IS&T/SPIE Electronic Imaging Symposium, from **4-6 February 2014** in San Francisco, California, USA. The conference venue and hotel will be the Hilton San Francisco Union Square.

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. (Conference web page: <http://drr2014.irisa.fr>)

## 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
- **Discovery and Browsing:** pattern discovery, trend mining, topic modeling and analysis, clustering
- **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

- 5 August, 2013, 11:59pm PST: Paper submission deadline
- 7 October, 2013: Author notifications
- 25 November, 2013: Final paper submission deadline
- 4-6 February, 2014: Conference dates

### Paper submission

All paper submissions should be between 8-12 pages in length, using the [SPIE LaTeX template](#). For accepted submissions, the final manuscripts to be published in the proceedings are expected to be also 8-12 pages long 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://drr2014.irisa.fr/submission.html>).

Questions concerning the conference may be addressed to: [drr2014@irisa.fr](mailto:drr2014@irisa.fr)