



Document Recognition and Retrieval XX

Part of IS&T/SPIE Electronic Imaging 2013 (Conference EI113)

Web Page: www.cs.rit.edu/~drr2013

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](http://www.spie.org/ElectronicImaging), 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](#). For accepted papers, the 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.

Conference Chairs

Richard Zanibbi, Rochester Institute of Technology (USA)

Bertrand Couasnon, Irisa / Institut National des Sciences Appliquées de Rennes (France)

Program Committee

Gady Agam, Illinois Institute of Technology (USA); **Elisa H. Barney Smith**, Boise State Univ. (USA); **Bill Barrett**, Brigham Young Univ. (USA); **Kathrin Berkner**, Ricoh Innovations, Inc. (USA); **Hervé Déjean**, Xerox Research Ctr. Europe Grenoble (France); **Xiaoqing Ding**, Tsinghua Univ. (China); **David Scott Doermann**, Univ. of Maryland, College Park (USA); **Oleg D. Golubitsky**, Google Waterloo (Canada); **Jianying Hu**, IBM TJ Watson Research Ctr. (USA); **Christopher Kermorvant**, A2iA (France), **Laurence Likforman-Sulem**, Telecom ParisTech (France); **Xiaofan Lin**, Vobile, Inc. (USA); **Marcus Liwicki**, Deutsches Forschungszentrum für Künstliche Intelligenz GmbH (Germany); **Daniel P. Lopresti**, Lehigh Univ. (USA); **Umapada Pal**, Indian Statistical Inst. (India); **Hiroshi Sako**, Hitachi, Ltd. (Japan); **Sargur N. Srihari**, Univ. at Buffalo (USA); **Venkata Subramaniam**, IBM India Research Lab. (India); **Kazem Taghva**, Univ. of Nevada, Las Vegas (USA); **George R. Thoma**, National Library of Medicine (USA); **Christian Viard-Gaudin**, Univ. de Nantes (France); **Berrin Yanikoglu**, Sabanci Univ. (Turkey); **Jie Zou**, National Library of Medicine (USA)