Call for Papers

Performance Evaluation of Document Analysis and Recognition Algorithms
(selected papers related to ICDAR2009 competitions and GREC2009 contests)

Special Issue of International Journal of Document Analysis and Recognition

Guest Editors: Liu Wenyin and Ernest Valveny

Aims:
Performance evaluation of algorithms has become more and more important in pattern recognition in general and
document analysis and recognition in particular. In such an empirical research area, more and more people are
interested in those algorithms/methods/systems which are thoroughly evaluated in terms of commonly accepted
performance metrics on publically accessible ground-truth data. We are happy that more and more performance
evaluation work has been done for this purpose. Especially, the competitions held at the 10th international
conference on document analysis and recognition (ICDAR2009) have been regarded as great successes for
performance evaluation of document analysis and recognition algorithms, which had attracted nine competition
categories and more than one hundred participating algorithms (methods/systems/configurations).

This special Issue of IJDAR on Performance Evaluation of Document Analysis and Recognition Algorithms aims
at promoting further the research and practice in this area by selecting best papers describing both the
competitions and their winning algorithms, which should make clear and useful contribution (including ground-
truth data, metrics, evaluation protocol, comparison with state-of-the-art methods) to performance evaluation of
their specific domains. In addition, the special issue may also include other publicly submitted papers describing
innovative protocols, technologies, methodologies, tools, and applications for performance evaluation of any
algorithm in the area of document analysis and recognition. Hence, for this special issue, we call for papers that

Topics:
In this special issue, in addition to those papers extended from the ICDAR2009 competition papers and their
winning papers, we also call for original papers related to Performance Evaluation of Document Analysis and
Recognition Algorithms. Areas of interests include, but not limited to:

- Performance evaluation protocols;
- Performance metrics
- Evaluation methodologies
- Ground truthing tools and ground truth databases;
- Large scale performance comparison of algorithms
- Applications.

Submission
Each paper for submission should be formatted in double spacing, single column of no more than 20 pages in
length. A separate cover letter should be submitted that includes the paper title, the list of all authors and their
affiliations, and information of the contact author. Each paper will be reviewed rigorously, and possibly in two
rounds, i.e., minor/major revisions will undergo another round of review. Prospective authors are invited to submit
papers via the online submission system at http://ijda.edmgr.com/ before Nov. 16, 2009. Please select the special
issue type and indicate this special issue on the cover page. Late submission will not be processed.

Schedule
Deadline for paper submission: Nov 16, 2009
Completion of first review: Feb 08, 2010
Minor/Major revision due (first round): Mar 22, 2010
Completion of second round of reviews: Apr 19, 2010
Minor revision due (second round): May 17, 2010
Final decision notification: Jun 07, 2010
Publication materials due: Jun 21, 2010
Publication date: Sep/Dec, 2010

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