TC10
Technical Committee on Graphics Recognition

Newsletter   N°100

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Call for Contributions

Please contribute relevant news to TC10 groups.

Please send any relevant event, notice or link to the newsletter editor : Alicia Fornes.

Message from the Editor

Welcome to the April edition of the TC10 newsletter, which includes information about GREC 2013 and the call for the CLEF-IP competition.

Alicia Fornés, IAPR-TC10 Newsletter Editor.

CLEF-IP Flowchart Recognition Task - 2013

Retrieval in the Intellectual Property Domain - Competition on Flowchart Recognition

http://ifs.tuwien.ac.at/~clef-ip/2013/flowcharts.shtml

The topics in this task are patent images representing flowcharts. Participants are asked to extract the information in these images and return it in a predefined textual format.

The text file contains, as a rule, structural information. The point is to obtain as much as the information present in the image, in such a way as to be able to process it further for the purposes of patent search. As a rule, you will not be asked to make inferences about the nature of the nodes or edges. The nodes are simply to be represented by the geometrical figure: rectangle, circle, parallelogram, etc. (see below list). The edges are also just plain or dotted, but there is one special type of edge: wiggly which denotes the link between an actual node and its label, as seen in the images below.

Full details about the task are available on our website:

http://ifs.tuwien.ac.at/~clef-ip/2013/flowcharts.shtml

The data, consisting of 747 TIFF images, is freely available for download at

http://ifs.tuwien.ac.at/~clef-ip/download/2013/topics/clef-ip-2013-flowcharts-test.images.zip

To participate in this campaign, you must fill in the registration form on the main CLEF website:

http://clef2013.org/index.php?page=Pages/registrationForm.php.

This registration represents an expression of interest from your side, rather than a commitment (i.e. you may of course not send in any results if none are available by the deadline)

Deadline for submission of results: May 1st, 2013

CLEF-IP is organized together with CLEF in Valencia, Spain, 23-26 September 2013

http://www.clef2013.org/

GREC 2013 : 10th IAPR International Workshop on Graphics Recognition

10th IAPR INTERNATIONAL WORKSHOP ON GRAPHICS RECOGNITION

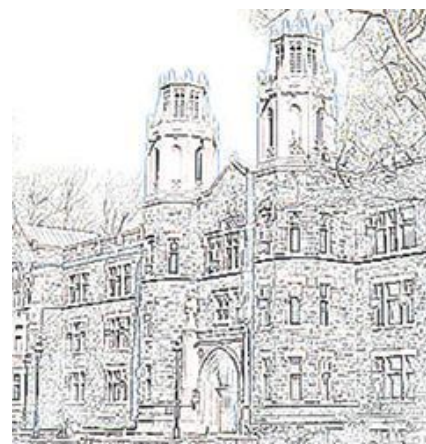August 20-21, 2013, Lehigh University, Bethlehem, PA

General Chair
Bart Lamiroy - Université de Lorraine - LORIA, France,
http://www.loria.fr/~lamiroy

Program Chair
Jean-Marc Ogier - Université de La Rochelle - L3i, France,
http://www.univ-lr.fr/

Local Arrangements Chair
Daniel Lopresti - Lehigh University - CSE, USA,
http://www.lehigh.edu/

Conference Website : http://grec2013.loria.fr

Papers due (at latest) : May 5, 2013

Competitions and Contests
Arc and Line Detection Contest (https://sites.google.com/a/iupr.com/grec2013_arc_and_line_seg_contest/)
Musical Score Contest (http://dag.cvc.uab.es/muscima/)
Symbol Recognition Contest (TBA)

GREC 2013, the Tenth IAPR International Workshop on Graphics Recognition, organized by IAPR TC-10 (Technical Committee on Graphics Recognition), will be held at Lehigh University (Bethlehem, PA, USA) on August 20-21, 2013, just before the 12th International Conference on Document Analysis and Recognition (ICDAR).

Transportation shuttle buses will be arranged between GREC and ICDAR.

The program, dedicated to the broad spectrum of recognition within graphical document images and related subjects, is organized in a single-track 2-day workshop. It will comprise several sessions dedicated to specific topics related to graphics in document analysis and graphic recognition. For each session, there will be an invited presentation describing the state of the art and stating the open questions for the topic of the session, followed by a number of short presentations that will contribute by proposing solutions to some of the questions or presenting results of the speaker's work. Each session will be concluded by a panel discussion.

Selected papers will be published in post-conference proceedings in the Springer Lecture Notes in Computer Science series.

Since its beginnings the GREC workshop series has provided a unique atmosphere, fostering a very high level of interaction, discussion and exchange of ideas (distinctly different from classical conference-like presentations) while providing high quality and good impact post-proceedings. It therefore froms an excellent opportunity for researchers and practitioners at all levels of experience to meet colleagues and to share new ideas and knowledge about graphics recognition methods. Graphics Recognition is a subfield of document image analysis that deals with graphical entities in written documens, engineering drawings, maps, architectural plans, musical scores, mathematical notation, tables, diagrams, etc.

GREC 2013 will continue the tradition of past workshops held at Penn State University (USA), Nancy (France), Jaipur (India), Kingston (Canada), Barcelona (Spain), Hong Kong (China), Curitiba (Brazil), La Rochelle (France) and Seoul (South Korea).

TOPICS

Topics of interest include, but are not limited to:

. Raster-to-vector techniques.
. Recognition of graphical primitives.
. Recognition of graphic symbols in charts, diagrams, and drawings.
. Interpretation of engineering drawings, maps, tables, and other graphical documents.
. Graphics-based information retrieval.
. Historical graphic indexing.
. 3-D models from multiple 2-D views (line drawings).
. Identification and localization of graphical mark-ups and annotations in written documents.
. Digital ink processing.
. Sketch recognition and understanding.

. Description of complete systems for interpretation of graphic documents.

. Performance evaluation in graphics recognition.

. Authoring, editing, storing and presentation systems for graphics multimedia documents.

PAPER SUBMISSION

Papers have to be sent through the workshop web site (submissions open until May 5th 2013), and will be reviewed on the fly. Authors will be notified as soon as the review is available. No immediate conference proceedings will be published, but all contributed papers will be available and distributed to attendees as a workshop booklet.

After the workshop, attendees are invited to submit an extended and revised version of their paper. These papers will undergo a double-blind revision process and the program committee will select the best papers for publication in a dedicated LNCS Volume, by Springer Verlag.

Only electronic submission will be accepted through the conference paper submission web page.

See the conference web site for details.

IMPORTANT DATES

Submission deadline (upto 6 pages): May 5 2013
Acceptance Notification: on-the-fly (at latest May 20 2013)
Camera Ready deadline: June 16 2013

Early registration: June 1st 2013
Conference: August 20-21 2013

Post-conference LNCS proceedings, submission: November 2013
Expected acceptance notification for LNCS: January 2014

Please find the call for papers and more information at the conference website: http://grec2013.loria.fr/

Also, real-time information, updates and reminders will be sent through Facebook and Twitter.

https://twitter.com/grec2013

http://www.facebook.com/pages/GREC-2013/236897996428241

The GREC 2013 organizing committee

Call for papers

Event/Location/Web	Event Date	Deadline (paper submission)
DocEng 2013, ACM Symposium on Document Engineering, http://www.doceng2013.org/	Sept 10-13, 2013	full papers: March 31 (abstract), April 7 (manuscript) short papers: May 19 (abstract), May 22 (manuscript)
BMVC 2013, British Machine Vision Conference, http://bmvc2013.bristol.ac.uk/	Sept 9-13, 2013	April 24, 2013
GREC 2013, (ICDAR Workshop) Int. Workshop on GRaphics Recognition, http://grec2013.loria.fr/GREC2013/	August 20-21, 2013	May 5, 2013 (full paper)
CBDAR 2013, Int. Workshop on Camera-Based Document Analysis and Recognition, http://imlab.jp/cbdar2013/	August 23, 2013	May 15, 2013

HIP'13, Int. Workshop on Historical Document Imaging and Recognition http://www.cvc.uab.es/~vfrinken/HIP2013/	August 24, 2013	May 15, 2013
ICDAR 2013 - Doctoral Consortium, Int. Conf. Document Analysis and Recognition http://www.icdar2013.org/	August 25-28, 2013	May 25, 2013
ACPR 2013, IAPR Asian Conference on Pattern Recognition, http://www.am.sanken.osaka-u.ac.jp/ACPR2013/	Nov 5-8, 2013	June 10, 2013

DAS 2014: First Announcement

The 11th IAPR International Workshop on Document Analysis Systems (DAS 2014) will be held in Tours, France, on April 7-10 2014.

Workshop Chairs
Dr. Marcus Liwicki (DFKI Kaiserslautern - Germany)
Dr Jean-Yves Ramel (University of Tours - France)

Program Chairs
Jean-Marc Ogier (University of La Rochelle - France)
Kochi Kise (Osaka University - Japan)
Ray Smith (Google - USA)

Full Paper submission: 30 September, 2013
Short paper submission: 14 October, 2013

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 TC10 and TC11 members to submit such material to the TC10 and 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

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