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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 March edition of the TC10 newsletter, which includes :

- updated information about GREC 2013
- DAS 2014 first announcement.

You will also find the recent IJDAR articles and the next call for papers.

Happy Spring time,
[Alicia Fornés](#), IAPR-TC10 Newsletter Editor.

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

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 forms 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 documents, 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, 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,	August 23, 2013	May 15, 2013

<http://imlab.jp/cbdar2013/>

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

IJDAR articles alert

Volume 16, Issue 1

<http://link.springer.com/journal/10032/16/1/page/1>

- Handwritten text separation from annotated machine printed documents using Markov Random Fields

Xujun Peng, Srirangaraj Setlur, Venu Govindaraju, Ramachandula Sitaram

- A Bayesian-based method of unconstrained handwritten offline Chinese text line recognition

Nan-Xi Li, Lian-Wen Jin

- Coupled snakelets for curled text-line segmentation from warped document images

Syed Saqib Bukhari, Faisal Shafait, Thomas M. Breuel

- A general approach for extracting road vector data from raster maps

Yao-Yi Chiang, Craig A. Knoblock

- Multi-feature extraction and selection in writer-independent off-line signature verification

Dominique Rivard, Eric Granger, Robert Sabourin



New dataset available

CROHME: Competition on Recognition of Online Handwritten Mathematical Expressions

The dataset is available on line :

<http://www.iapr->

[tc11.org/mediawiki/index.php/CROHME:_Competition_on_Recognition_of_Online_Handwritten_Mathematical_Expressions](http://www.iapr-tc11.org/mediawiki/index.php/CROHME:_Competition_on_Recognition_of_Online_Handwritten_Mathematical_Expressions)

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 to 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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