

In This Issue

- Request for Comments on Digitization Choices for "The Lehigh Engineering Drawing Collection"
- Call for papers: MANPU workshop (ICPR workshop)
- GREC 2015 NCS Post-proceedings
- IJDAR articles alert
- Job offer: Marie-Curie Fellowships at the Computer Vision Center (Barcelona, Spain)
- Job offer: PHD Studentship at the Computer Vision Center (Barcelona, Spain)
- Call for papers
- Call for Datasets

{unsubscribe}Unsubscribe{/unsubscribe}

Call for Contributions

Please contribute relevant news to TC10 groups.

Please send any relevant event, notice or link to the newsletter editor : [Alicia Fornés](#).

Message from the editor



Welcome to the September edition of TC10 newsletter.

You will find the request for comments on digitization choices for "The Lehigh Engineering Drawing Collection" and the call for papers for the MANPU workshop: "First International Workshop on coMics ANalysis, Processing and Understanding", which will be held in conjunction with ICPR in Cancun.

In addition to the IJDAR articles alert, this edition also includes information concerning the job offers at the University of La Rochelle (France) and the Computer Vision Center (Spain).

Follow us at twitter: https://twitter.com/IAPR_TC10.
[Alicia Fornés](#), IAPR-TC10 Newsletter Editor.

The Lehigh Engineering Drawing Collection

Request for Comment on Digitization Choices

During GREC 2015 in Nancy, in the wake of the Lehigh Engineering Drawing Challenge, the TC-10 community decided to commit resources to digitizing and making broadly available a roughly 5000 items large collection of engineering drawings.

We have finally come around collecting a big part of the required funding to at least digitize a large subset of these documents.

In order to proceed, we need your help to take a look at the first digitization tests, and help us determine what level of quality you think is best suited for your research.

We have set up a survey for you to complete:
<http://enquetes.univ-lorraine.fr/index.php/829953?lang=en>

The digitized documents are available for browsing and bulk downloading from the following URLs:
<http://dae.cse.lehigh.edu/DAE/?q=browse/dataitem/605933>
<http://dae.cse.lehigh.edu/DOWNLOADS/Archive.zip>

Please take a moment to go over the documents, and possibly even run some of your favourite algorithms on them. Your contributions and input will be greatly appreciated, and will have a quite positive impact on the TC-10 community at large.

Thank you for your help,
Bart Lamiroy
Dan Lopresti

MANPU 2016 workshop: Call for papers

First International Workshop on coMics ANalysis, Processing and Understanding (Manpu workshop) (in conjunction with ICPR 2016)

Cancun Center, Cancun, Q.Roo, Mexico
December 4, 2016,
<http://manpu2016.imlab.jp/>

Comics is a medium constituted of images combined with text and other visual information in order to narrate a story. Nowadays, comic books are a widespread cultural expression all over the world. The market of comics continues to grow, for example, the market in Japan is about 4.25 billion USD in 2015. Moreover, from the research point of view, comics images are attractive targets because the structure of a comics page includes various elements (such as panels, speech balloons, captions, leading characters, etc.), the drawing of which depends on the style of the author and presents a large variability.

Therefore comics image analysis is not a trivial problem and is still immature compared with other kinds of image analysis.

Scope

The scope of this workshop includes, but is not limited to:

- Comics Image Processing
- Comics Analysis and Understanding
- Comics Recognition
- Comics Retrieval and Spotting
- Comics Enrichment
- Reading Behavior Analysis
- Comics Generation
- Copy protection - Fraud detection
- Physical/digital comics interfaces

Important Dates

- September 16, 2016: Title and abstract submission deadline (extended!)
- September 23, 2016: Paper submission deadline (extended!)
- October 14, 2016: Notification of acceptance (extended!)
- December 4, 2016: Workshop

GREC 2015 LNCS Post-proceedings (repost)

Eleventh IAPR International Workshop on Graphics Recognition (GREC)

<http://grec2015.loria.fr/>

LNCS Postproceedings

The papers that have been accepted for publication in the LNCS Post-proceedings will be published as:

- Lecture Notes in Computer Science, volume 9657.
- Title: Graphics Recognition. Current Trends and Challenges.
11th International Workshop, GREC 2015, Nancy, France, August 22-23, 2015, Revised Selected Papers.

The submission process to Springer for the forthcoming LNCS volume will be announced soon.

ACCEPTED PAPERS

- Improving Fuzzy Multilevel Graph Embedding with Topological Node Features - an application to Graphics Recognition
- Towards the Alignment of Handwritten Music Scores
- Circle Detection Performance Evaluation Revisited
- Text-independent speech balloon segmentation for comics and manga
- Camera-based document image retrieval system for heterogeneous-content complex linguistic maps
- Recognising Electronic Circuits to Enrich Web Documents for Electronic Simulation
- Migrating the Classical Pen-and-Paper based Conceptual Sketching of Architecture Plans Towards Computer Tools - Prototype Design and Evaluation
- Ontology-based Understanding of Architectural Drawings
- Statistical Performance Metrics for Use with Imprecise Ground-Truth
- The creation of digital, synthetic, ground-truth images from historic cosmic ray data recordings

IJDAR Alert

Volume 19, Issue 3

<http://link.springer.com/journal/10032/19/3/page/1>

- Page segmentation using minimum homogeneity algorithm and adaptive mathematical morphology
Tuan Anh Tran, In Seop Na, Soo Hyung Kim
- Music staff removal with supervised pixel classification
Jorge Calvo-Zaragoza, Luisa Micó, Jose Oncina
- A knowledge-based recognition system for historical Mongolian documents
Xiangdong Su, Guanglai Gao, Hongxi Wei, Feilong Bao
- Discovering similar Chinese characters in online handwriting with deep convolutional neural networks
Shuye Zhang, Lianwen Jin, Liang Lin
- Online recognition of sketched arrow-connected diagrams
Martin Bresler, Daniel Prusa, Vaclav Hlavac
- An evidence-based model of saliency feature extraction for scene text analysis
Yui-Lang Chen, Pao-Ta Yu

Job offer: Marie-Curie Fellowship at the Computer Vision Center

ICFHR 2016, Shenzhen, China Int. Conf. on Frontiers in Handwriting Recognition http://www.nipr.ia.ac.cn/icfhr2016/	October 23-26, 2016	-passed-
ICPR 2016, Cancun, Mexico Int. Conf. on Pattern Recognition http://www.icpr2016.org/site/	December 4-8, 2016	-passed-
IWRR 2016, Amsterdam, The Netherlands Int. Workshop on Robust Reading (in conjunction with ECCV) http://www.cvc.uab.es/iwrr2016/?c=home	October 9, 2016	-passed-
MANPU 2016, Cancun, Mexico Int. Workshop on coMics ANalysis, Processing and Understanding http://manpu2016.imlab.jp/	December 4, 2016	September 16, 2016
ICPRAM 2017, Porto, Portugal Int. Conf. on Pattern Recognition Applications and Methods http://www.icpram.org/	February 18-22, 2016	October 4, 2016
IBPRIA, Faro, Portugal Iberian Conf. on Pattern Recognition and Image Analysis http://www.ibpria.org/2017/	June 21-23, 2017	November 26, 2016
IGS 2017, Gaeta, Italy Int. Graphonomics Society Conference http://www.graphonomics.org/igs2017/	June 18-21, 2017	January 15, 2017
CVPR 2017, Honolulu, Hawaii, USA Indian Conference on Computer Vision and Pattern Recognition http://cvpr2017.thecvf.com/	July 20-27, 2017	November 11, 2016
ICDAR 2017, Kyoto, Japan Int. Conf. on Document Analysis and Recognition http://www.iapr.org/icdar2017	November 10-15, 2017	November 1, 2016 (workshops and competitions) December 15, 2016 (tutorials) March 15, 2017 (paper submission)

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>

Marcus Liwicki and Syed Saqib Bukhari
TC-11 and TC-10 Dataset Curators

This newsletter is sent to subscribers of the IAPR TC10 mailing list.

To manage your subscription, please please login and edit your profile at: <http://iapr-tc10.univ-lr.fr>

Don't want to receive these emails anymore? You can unsubscribe subscribe unsubscribe