

In This Issue

- DAS 2018 - Discussion Groups
- ICFHR 2018 Workshops: Call for Proposals
- ICFHR 2018 Tutorials: Call for Proposals
- Call for Participation: ICPR 2018 Contest on Fraud Detection
- GREC-LNCS postproceedings
- IJDAR Discount for IAPR Members (repost)
- Job offers : Postdoc position at Rouen, (France)
- Summer Schools
- 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 : [Motoi Iwata](#).

Message from the editor



Welcome to the February edition of the TC10 newsletter. It is the coldest winter in these 48 years in Japan. I sometimes confuse the corridor of my office with a fridge (fortunately, not a freezer). I hope that you can spend this winter comfortably.

In this edition, you will find the announcement of DAS Discussion groups and the call for proposals of workshops and tutorials in ICFHR 2018. Moreover, you will find the call for participation of ICPR 2018 contest on Fraud Detection.

Please do not miss your submission or attendance to interesting conferences by watching the call for papers and the job offer.

Follow us at twitter:

[https://twitter.com/IAPR\\_TC10](https://twitter.com/IAPR_TC10).

[Motoi Iwata](#), IAPR-TC10 Newsletter Editor.

DAS 2018 - Discussion Groups

**13TH IAPR INTERNATIONAL WORKSHOP ON DOCUMENT ANALYSIS SYSTEMS**

24-27 April, Vienna, Austria

<https://das2018.cvl.tuwien.ac.at>

According to a long-standing tradition at the DAS workshops, we will hold small-group discussions on topics of special interest to attendees. It is a nice opportunity to meet other researchers and discuss on relevant topics for the community. Everyone is welcome to participate in the discussions. Moreover, each group needs a moderator and a scribe. Their roles are:

- The moderator encourages everyone to speak and helps to focus and clarify the discussion.
- The scribe takes written notes of the discussion and summarizes the results in a plenary session.

The moderator and the scribe will co-author a short summary report after the workshop is over, which will be posted to the workshop website and at the TC-11 website (<http://www.iapr-tc11.org/mediawiki/index.php/DAS-Discussion:Index>). The names of the moderators and scribes will be also listed at the website.

Please fill this form (<https://goo.gl/forms/11S842VWuvfIbAAB2>) choosing the topics of your interest, and feel free to propose some.

We are looking forward to your participation! Please contact the Discussion Groups coordinators with your suggestions and ideas:

Alicia Fornés ([afornes@cvc.uab.es](mailto:afornes@cvc.uab.es))

Marcus Liwicki ([marcus.liwicki@unifr.ch](mailto:marcus.liwicki@unifr.ch))

## ICFHR 2018 Workshops: Call for Proposals

**Workshop Chairs:** Elisa Barney Smith and Alicia Fornés

Online: <http://icfhr2018.org/workshops.html>

The 16th International Conference on Frontiers in Handwriting Recognition (ICFHR 2018) will take place in Niagara Falls New York, USA 5-8 August 2018. For the first time the conference is also welcoming bids for accompanying workshops. The workshops will take place on August 4 at the same venue as the main conference in Niagara Falls New York, USA.

Workshops provide a forum for discussion topics that will not be fully explored during the main conference, and provide opportunities for in-depth discussion of technical and application issues. Workshops are also a good opportunity to share ideas between researchers in industry and academia, and therefore both are welcome to submit workshop proposals. The ICFHR 2018 organizers will collect workshop registrations, provide facilities, and distribute electronic copies of the workshop proceedings.

Two types of workshops are envisioned:

A - Full (mini-conference) workshops

B - Birds of a Feather workshops

### **A - Full Workshops**

Full workshops would likely include papers, posters or presentations. Full workshops may be half day or full day. We invite proposals for workshops on topics related to handwriting recognition, including domains that apply handwriting recognition such as the digital humanities or forensics. We encourage workshop organizers to submit proposals that are specific and detailed in justifying relevance and viability.

Proposals should be submitted in PDF format by email to [workshops@icfhr2018.org](mailto:workshops@icfhr2018.org). Please prefix the email subject with the string '[ICFHR 2018 Workshop]'. Proposals should include the following information:

### **1. TECHNICAL INFORMATION**

- Workshop title.
- Topics that will be covered, with descriptions of why they are relevant.

### **2. ORGANIZERS AND SPEAKERS**

- Organizers' names, titles and affiliations, with one, potentially two, contact emails of reliably responsive people.
- Background and experience that makes the proposers well suited for organizing the workshop.
- Names of invited speakers. For each speaker, please indicate if attendance is tentative or confirmed.

### **3. LOGISTICS**

- Preference for half-day or full-day event.
- Estimated numbers of orals, posters, and invited talks, with rough program outline.
- Expected number of paper submissions.
- Tentative program committee.
- Anticipated target audience and expected number of attendees.
- Special space or equipment requests, if any.

### **4. WORKSHOP DATES**

- Paper submission deadline.
- Notification to authors.
- Camera ready deadline.

### **B - Birds of a Feather Workshops**

Birds of a Feather workshops provide a forum for discussion of the status and needs for further research within a particular subfield of handwriting recognition, beyond the paper Q&A in a conference session. Participants would

optionally submit 500 word abstracts stating ideas for discussion topics, and not recent research results. Participants would not submit full papers and there would be no proceedings. Birds of a feather workshops are envisioned to be at most a half day and could be as little as two hours centered around coffee/tea or a meal to increase informal discussion.

Meeting topics can be taken from any of the main ICFHR conference CFP topics:

- Handwriting Recognition of a particular family
- Cursive Script Recognition
- Symbol, Equation, Sketch and Drawing Recognition
- Handwritten Document Processing and Understanding
- Language Models in Handwriting Recognition
- Web-Based Applications
- Handwritten Databases and Digital Libraries
- Information Extraction & Retrieval
- Document Characterization
- Form Processing
- Word Spotting
- Bank-Check Processing
- Historical Document Processing
- Forensic Studies and Security Issues
- Writer Verification and Identification

Proposals should be submitted by email to [workshops@icfhr2018.org](mailto:workshops@icfhr2018.org). Please prefix the email subject with the string [ICFHR 2018 Workshop]. Proposals should include the following information:

### 1. TECHNICAL INFORMATION

- Workshop title.
- Topics that will be covered, with descriptions of why they are relevant.

### 2. ORGANIZERS AND SPEAKERS

- Organizers' names, titles and affiliations, background and experience that makes the proposers well suited for leading the discussion.

### 3. LOGISTICS

- Preference for half-day or two-hour event.

### Important dates

- Workshop proposal deadline: March 1, 2018
- Notification to workshop organizers: March 18, 2018
- Finalized workshop program (i.e., CFP) deadline: April 20, 2018

For any questions, please contact the workshop chairs, Elisa Barney Smith (Boise State, USA) and Alicia Fornés (Computer Vision Center, UAB, Spain) at [workshops@icfhr2018.org](mailto:workshops@icfhr2018.org).

## ICFHR 2018 Tutorials: Call for Proposals

Tutorial Chairs: Elisa Barney Smith and Alicia Fornés

Online: <http://icfhr2018.org/tutorials.html>

The 16th International Conference on Frontiers in Handwriting Recognition (ICFHR 2018) will take place in Niagara Falls New York, USA 5-8 August 2018. We are soliciting proposals for tutorials or short courses to be held at ICFHR 2018. Courses and tutorials will take place on August 4, the day before the main conference.

An ICFHR tutorial should provide a comprehensive overview of a specific topic related to handwriting recognition, and the topic should be of sufficient relevance and importance to attract significant interest from the ICFHR community. A good tutorial should be educational rather than just a cursory survey of techniques. Typical tutorial audiences consist of graduate students studying computer vision, image processing, or pattern recognition, but also include researchers and practitioners from both academia and industry.

We invite proposals for both half-day and full-day courses: however, we encourage courses to be half-day unless the topic is expected to attract widespread community attention, or will require the additional time.

Proposals should be submitted by email to [tutorials@icfhr2018.org](mailto:tutorials@icfhr2018.org). Please prefix the email subject with the string '[ICFHR 2018 Tutorial]'. Proposals should be in PDF format and should include the following information:

- Proposed title;
- Proposers' names, titles, affiliations, emails, and brief bio sketches;
- Preference for half- or full-day event (the latter requires a brief justification);
- Course description with list of topics to be covered, along with a brief outline and important details;
- Expected target audience, in terms of both composition and estimated number of attendees;
- List of citations and/or URLs to relevant publications and/or products by the organizers, and to other relevant related work;
- Description of and/or links to any planned materials or resources to be distributed to attendees.

#### **Important dates**

- Tutorial proposal deadline: March 1, 2018
- Notification to tutorial organizers: March 18, 2018

For any questions, please contact the tutorial chairs, Elisa Barney Smith (Boise State, USA) and Alicia Fornés (Computer Vision Center, UAB, Spain) at [tutorials@icfhr2018.org](mailto:tutorials@icfhr2018.org).

## Call for Participation: ICPR 2018 Contest on Fraud Detection

We are pleased to announce the Fraud Detection Contest in conjunction with ICPR 2018.

Since last decades, the explosion of the volume of digital documents images and development of easy-to-use consumer tools to edit these images has led to a huge increase in the number of corrupted documents. The development of many tools and methods to detect modifications has also increased but their evaluation remains a challenge.

Forensics research is a sensitive topic. Datasets are often private or unlabeled and most related works are evaluated based on undisclosed datasets. This restriction has two major consequences: results cannot be reproduced and no benchmarking can be done between approaches.

This contest was conceived in order to address these drawbacks:

- First, a public images and texts dataset of french shopping receipts containing no private information was designed so that it can be disclosed and used with no constraints.
- Second, the contest should finally presents a benchmark on major works developed since many years, both for images and texts processing methods.

The contest is open to all researchers and engineers working on detection of forgery within documents, images or texts, coming from different domains of activities (forensics, document analysis, data mining...).

#### **Tasks**

- Task 1: The detection of modified documents. The provided dataset will contain both genuine and modified documents. The first task aims at discovering which ones are forged.
- Task 2: The spotting of this or these falsification(s) in the document (many falsifications can occur in one document), with methods applied to the image or text, or both.

#### **Important dates**

Registration deadline: March 30, 2018  
Training dataset is available: early February, 2018  
Evaluation dataset is available: April 5, 2018  
Result submission: April 10, 2018  
Submission of the description of methods: April 15, 2018  
Conference: August 20-24, 2018

#### **More Information and Registration**

<http://findit.univ-lr.fr>

#### **Contact**

[contact-findit@univ-lr.fr](mailto:contact-findit@univ-lr.fr)

## Organizers

Chloé Artaud (L3i, University of La Rochelle, France)  
Nicolas Sidère (L3i, University of La Rochelle, France)  
Antoine Doucet (L3i, University of La Rochelle, France)  
Jean-Marc Ogier (L3i, University of La Rochelle, France)  
Vincent Poulain d'Andecy (Yooz, Aimargues, France)

## GREC 2017 - LNCS post-proceedings (repost)

### Twelfth IAPR International Workshop on Graphics Recognition (GREC 2017)

<http://grec2017.loria.fr/>

The GREC workshop was, as usual, a great opportunity for researchers to meet colleagues and to share new ideas and knowledge about graphics recognition methods. In this edition, 27 papers were presented, followed by highly interactive discussions, even though the first day hosted a record-breaking 110 participants. The GREC organizers would like to thank all participants, since we could indeed enjoy a highly interactive GREC workshop, with many fruitful discussions concerning graphics recognition topics.

### Post-proceedings

As in previous editions, after the workshop, authors have the opportunity to submit an extended and revised paper for full single-blind review and subsequent publication at Lecture Notes in Computer Science (LNCS), Springer. Please be aware that acceptance for presentation at the workshop does not guarantee acceptance and publication in the post-proceedings.

### Dates

- Post-proceedings submission: **March 5, 2018.**
- Post-proceedings acceptance notification: **May 6, 2018.**

More information available at the GREC website:

<http://grec2017.loria.fr/submission-guidelines/lncs-post-proceedings-submission-guidelines/>

The GREC 2017 organizing committee

## IJDAR Discount for IAPR Members (repost)

IAPR is pleased to announce a partnership agreement with Springer, the publisher of IJDAR, the International Journal on Document Analysis and Recognition. This new agreement will allow IAPR members to receive a subscription to the electronic version of IJDAR at a discount of nearly 50%. For additional details, see the links below:

- <http://www.iapr.org/publications/intjournal.php>
- <http://www.iapr.org/publications/intjrmlsub.php>

KOICHI KISE, DANIEL LOPRESTI AND SIMONE MARINAI, IJDAR EDITORS-IN-CHIEF  
([kise@cs.osakafu-u.ac.jp](mailto:kise@cs.osakafu-u.ac.jp), [lopresti@cse.lehigh.edu](mailto:lopresti@cse.lehigh.edu), [simone.marinai@unifi.it](mailto:simone.marinai@unifi.it)).

## Job offers : PostDoc position, on Graph Kernel for Chemoinformatics at LITIS, Rouen, France

### Postdoc position on Graph Kernel for Chemoinformatics at LITIS - Rouen, France

**Keywords:** machine learning on graphs, chemoinformatics, graph kernels, graph representations

Graph kernels can be understood as graph similarity measures corresponding to scalar products between graph's projections in an implicit (and possibly unknown) Hilbert space. On one hand, graph kernels can be used in any kernel method, thanks to the underlying implicit embedding. On the other hand, relaxing the constraints associated to explicit vectorial representations of graphs limits the loss of structural information. Therefore, graph kernels allows to encode more structural information than classic graph embedding methods while being able to connect to powerful machine learning methods.

Graph kernels have been defined on molecular graphs and applied to chemoinformatics to build prediction models using the structural information encoded within molecular compounds. However, intrinsic properties of atoms and theirs

interactions induce some electronic properties which are not explicitly encoded within classic molecular graphs representations. The main purpose of this post doctoral position is to include this information into a new augmented kernel and apply it on some chemoinformatics datasets. The two main steps will be i) to define a new molecular representation encoding local electronic information and ii) to define a new similarity measure as a kernel to compare two molecules encoded in the new proposed representation.

This project will be supervised in close collaboration by LITIS (Rouen, France) and GREYC (Caen, France) laboratories which have a strong expertise on graph kernels for chemoinformatics. The chemical part will be supervised by COBRA laboratory (Rouen, France) which has proposed various atomic descriptors encoding some electronical information. Their expertise will be essential to be able to encode additional information into a new representation for chemical compounds.

### Position Details

*Location:* The research will be conducted at LITIS Laboratory (Rouen, France) in Normandy. The LITIS (EA 4108) is affiliated to Normandy University, University of Rouen Normandie and INSA Rouen Normandie.

*Start date :* January/ February 2018

*Duration:* 20 months

*Salary:* about 2280 euros/month net salary.

### Application

*Required skills:*

- PhD in Applied Mathematics or computer science,
- Experience in C++, Python or Matlab programming,
- Knowledge in kernel methods, graph based approach constitutes an advantage.

**Contact:** postdoc-graphkernel@litislab.fr

### Required documents:

- up to date CV,
- Any recommendation letter
- A short document on research experience and interests

## Call for papers

Event/Location/Web	Event Date	Deadline (paper submission)
ICPRAI 2018, Montréal, Canada Int. Conf. on Pattern Recognition and Artificial Intelligence <a href="http://users.encs.concordia.ca/~icprai18/">http://users.encs.concordia.ca/~icprai18/</a>	May 14-17, 2018	-- passed --
CVPR 2018, Salt Lake City, USA Computer vision and pattern recognition <a href="http://cvpr2018.thecvf.com/">http://cvpr2018.thecvf.com/</a>	June 18-22, 2018	--passed--
DAS 2018, Vienna, Austria Int. Workshop on Document Analysis Systems <a href="https://das2018.caa.tuwien.ac.at/en/">https://das2018.caa.tuwien.ac.at/en/</a>	April 24-27, 2018	--passed--
ICPR 2018, Beijing, China Int. Conf. on Pattern Recognition <a href="http://www.icpr2018.org/">http://www.icpr2018.org/</a>	August 20-24, 2018	--passed--
ICFHR 2018, Niagara Falls, USA Int. Conf. on Frontiers in Handwriting Recognition <a href="http://icfhr2018.org/">http://icfhr2018.org/</a>	August 5-8, 2018	March 9, 2018
ECCV 2018 Munich, Germany European Conference on Computer Vision <a href="https://eccv2018.org/">https://eccv2018.org/</a>	September 8-14, 2018	March 14, 2018
BMVC 2018, Newcastle upon Tyne, UK British Machine Vision Conference	September 3-6, 2018	April 30, 2018

## Summer Schools

Event/Location/Web	Event Date	Deadline (registration)
VISUM 2018, Porto, Portugal Summer school on Vision Understanding and Machine intelligence <a href="http://visum.inesctec.pt/">http://visum.inesctec.pt/</a>	July 5-13, 2018	February 23, 2018
ICVSS 2018, Sicily, Italy International Computer Vision Summer School <a href="http://iplab.dmi.unict.it/icvss2018/">http://iplab.dmi.unict.it/icvss2018/</a>	July 8-14, 2018	March 31, 2018

## 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>

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}Unsubscribe{/unsubscribe}