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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 Fomes](#).

Message from the editor



Welcome to the October edition of the TC10 newsletter.

In this issue, we include information concerning the ICDAR conference, workshops, the doctoral consortium and the IAPR/ICDAR 2017 awards. As the new topic, you can find the call for participation of Future DAR. Finally, you can also find the job offer at Rouen.

Moreover, the GREC and MANPU programs have been released. As you know, both workshops are of great interest to researchers in graphics recognition, so don't miss the opportunity to participate, meet and interact with researchers from both communities.

Follow us at twitter: [https://twitter.com/IAPR\\_TC10](https://twitter.com/IAPR_TC10).  
[Motoi Iwata](#), IAPR-TC10 Newsletter Editor.

GREC 2017

**12th International Workshop on Graphics Recognition (GREC)**

November 09-10, 2017

Kyoto, Japan

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

GREC workshops provide 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 engineering drawings, comics, maps, architectural plans, musical scores, mathematical notation, tables, diagrams, etc.

The aim of this workshop is to maintain a very high level of interaction and creative discussions between participants, maintaining a "workshop" spirit, and not being tempted by a "mini-conference" model.

GREC 2017 will continue the tradition of past workshops held at the Penn State University (USA), Nancy (France), Jaipur (India), Kingston (Canada), Barcelona (Spain), Hong Kong (China), Curitiba (Brazil), La Rochelle (France), Seoul (Corea), Lehigh (USA) and Nancy (France).

The workshop 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 session's topic, 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.

### Topics

- Analysis and interpretation of graphical documents, such as: Engineering drawings, floorplans, mathematical expressions, comics, maps, music scores, patents, diagrams, charts, tables, etc.
- Recognition of graphic elements, such as symbols, logos, stamps, dropcaps, drawings, etc.
- Identification and localization of graphical mark-ups and annotations in written documents.
- Raster-to-vector techniques.
- Graphics-based information retrieval.
- Historical graphics recognition and indexing.
- Forensics (Writer identification/verification) in graphic documents.
- Description of complete systems for interpretation of graphic documents.
- Datasets and performance evaluation in graphics recognition.
- Authoring, editing, storing and presentation systems for graphics multimedia documents.
- 3-D models from multiple 2-D views (line drawings).
- Digital ink processing.
- Sketch recognition and understanding.
- Camera-based graphics recognition.
- Graphics recognition in born digital documents.
- Analysis of graphics on new digital interfaces.
- Graphics detection and recognition in real scenes.

We are pleased to announce that the GREC program is already available at the website.

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

### Organizers

- Alicia Fornés ([afornes@cvc.uab.es](mailto:afornes@cvc.uab.es))
- Bart Lamiroy ([bart.lamiroy@loria.fr](mailto:bart.lamiroy@loria.fr))

## MANPU 2017

### The Second International Workshop on coMics Analysis, Processing and Understanding (MANPU)

November 10, 2017

Kyoto, Japan

<http://manpu2017.imlab.jp/>

#### Technical program is updated in the website.

Overall:

- 9:40-9:50 Opening
- 9:50-10:50 Oral session 1
- 10:50-11:00 Break
- 11:00-12:00 Oral session 2
- 12:00-13:30 Lunch
- 13:30-14:20 Invited talk 1
- 14:20-14:30 Break
- 14:30-15:20 Invited talk 2
- 15:20-15:30 Break
- 15:30-15:50 Poster session (short presentations)
- 15:50-17:00 Poster session (main)
- 17:00-17:10 Closing

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, and so on), 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.

### Topics

- Comics Image Processing
- Comics Analysis and Understanding
- Comics Recognition
- Comics Retrieval and Spotting
- Comics Enrichment
- Reading Behavior Analysis of Comics
- Comics Generation
- Copy protection - Fraud detection
- Physical/Digital Comics Interfaces
- Cognitive Processing and Comprehension of Comics
- Linguistics Analysis of Comics

### General Co-Chairs

- Jean-Christophe Burie ([jean-christophe.burie@univ-lr.fr](mailto:jean-christophe.burie@univ-lr.fr))
- Motoi Iwata ( [iwata@cs.osakafu-u.ac.jp](mailto:iwata@cs.osakafu-u.ac.jp))
- Toshihiko Yamasaki ([yamasaki@hal.t.u-tokyo.ac.jp](mailto:yamasaki@hal.t.u-tokyo.ac.jp))

### Program Co-Chairs

- Yusuke Matsui, National Institute of Informatics, Japan
- Miki Ueno, Toyohashi University of Technology, Japan
- Tien-Tsin Wong, The Chinese University of Hong Kong, Hong Kong

### Advisory Board

- Kiyoharu Aizawa, The University of Tokyo, Japan
- Koichi Kise, Osaka Prefecture University, Japan
- Jean-Marc Ogier, University of La Rochelle, France

More information at : <http://manpu2017.imlab.jp/>

## Future DAR

### Call for Participation

#### The Workshop for the Future of Document Analysis and Recognition

in cooperation with the Institute of Document Analysis and Knowledge Science (IDAKS), Osaka Prefecture University

Kyoto Terrsa, Kyoto, Japan

**November 12, 2017**

#### Workshop Chairs

Koichi Kise, Osaka Prefecture University, Japan  
Andreas Dengel, DFKI, Germany

#### 1. Objectives

Let's discuss the future of document analysis and recognition. In the history of ICDAR in the last 26 years, we have been working in a

variety of fields of document analysis and recognition, and have solved many important problems. The emergence of machine learning technologies, however, has shifted the nature of unsolved problems. For example, improving accuracy of methods for existing problems attracts less researchers. This brings us to the following questions:

- What are exciting open problems that interest more researchers?
- What are research topics young researchers and outsiders of the ICDAR community cannot help joining us?

This workshop is planned to discuss possible research topics and open problems to start new chapters of research on document analysis and recognition.

## 2. Workshop Format

The purpose of the workshop is to have deeper discussions about the future of document analysis and recognition. For stimulating the discussion, we have short presentation by invited speakers listed below to share their views of the future. After the presentation, we select some representative topics for discussion. Then participants and invited speakers are divided into some groups of selected topics for discussion. The results of discussion will be summarized at the end of the workshop and final results will be presented at the main conference. We plan to have a short summary presentation at the banquet and more detailed presentation and discussion at the panel on the last day of the conference.

## 3. Invited Speakers

Apostolos Antonacopoulos,  
Michael Blumenstein,  
Andreas Dengel,  
Dimosthenis Karatzas,  
Koichi Kise,  
C. V. Jawahar,  
Bart Lamiroy,  
Cheng-Lin Liu,  
Marcus Liwicki,  
Josep Lladós,  
Dan Lopresti,  
Simone Marinai,  
Jean-Marc Ogier,  
Seiichi Uchida

## 4. Program

14:30-14:40 Opening  
14:40-15:50 Position paper presentation (5 min/invited speaker)  
15:50-16:20 Coffee break  
16:20-16:30 Discussion group formation (about 4 groups)  
16:30-17:50 Discussion (each group)  
17:50-18:30 Wrap-up (5 min/group + summary)

Looking forward to meeting you at the workshop!!

## IWCDF 2017

### **IWCDF 2017 - 1st International Workshop on Computational Document Forensics**

in conjunction with ICDAR 2017  
12 November, 2017  
Kyoto, Japan  
<http://iwcdf2017.univ-lr.fr>

Everywhere around the world, industries and government processes are being more and more digitized. Document management systems and digital safe-boxes are particularly concerned by these questions, since documents generally remain the basis of many decisions for transactions, contracts, communication,... Documents also remain the proofs for many legal issues. As a consequence, it becomes absolutely essential to develop computational forensic science applied to documents and to create the conditions for protecting documents, for confirming their authenticity and for detecting frauds.

The First International Workshop on Computational Document Forensics aims at addressing the theoretical and practical works related to this field and creating a space for discussions between people working on this issues in different areas such as document and speech processing, digital security, biometry, forensic sciences...

### **Topics of Interest include, but not limited to**

- Prevention of forgeries in documents
- Detection of forged documents
- Detection of fake documents
- Detection of forgeries in printed and rescanned documents
- Authentication of documents

- Forgery localisation
- Copyright protection
- Watermarking
- Digital signatures
- Handwriting and signature authentication

#### **Workshop Chairs**

Jean-Marc Ogier, University of La Rochelle, France  
 Utpal Garain, Indian Statistical Institute, India  
 Apostolos Antonacopoulos, University of Salford, UK

#### **Program Chairs**

Nicolas Sidere, University of La Rochelle, France  
 Chang-Tsun Lin University of Warwick, UK

#### **Industrial Chairs**

Vincent Poulain d'Andecy, Yooz, France

#### **Program Committee (To be confirmed)**

Ahmad Montaser Awal , Ariad Next, France  
 Rainer Böhme , University of Innsbruck, Austria  
 Ahmed Bouridane, University of Northumbria, UK  
 Joseph Chazalon, University of La Rochelle, France  
 Mickael Coustaty, University of La Rochelle, France  
 Ali Dehghantanha, University of Salford, UK  
 Andreas Dengel, DFKI, Germany  
 Jana Dittmann, Otto-von-Guericke Universität Magdeburg, Germany  
 David Doerman, DARPA, USA  
 David Fernandez, ICAR Vision, Spain  
 Jiwu Huang, Shenzhen University, China  
 Edward J. Delp, Purdue University  
 Xufeng Lin, Charles Sturt University, Australia  
 Josep Lladós, Computer Vision Centre Barcelona, Spain  
 Nasir Memon, New York University, USA  
 Alessandro Piva, University of Florence, Italy  
 Faisal Shafait, National University of Sciences and Technology, Pakistan  
 Oriol Terrades Ramos , CVC, Spain  
 Nicole Vincent, University of Paris Descartes, France

## OST 2017

### **OST 2017 : The FIRST ICDAR WORKSHOP ON OPEN SERVICES AND TOOLS**

held during the INTERNATIONAL CONFERENCE ON DOCUMENT ANALYSIS AND RECOGNITION (ICDAR 2017).

November 10-11, 2017,

Kyoto, Japan

<http://diuf.unifr.ch/diva/ost2017>

#### **Scope**

The 1st ICDAR Workshop on Open Services and Tools for Document Analysis (ICDAR-OST) is a two-day event which aims at promoting open tools, software, open services (for processing, evaluation or visualization), as well as facilitating public dataset usage, in the domain of Document Image Analysis Research, building on the experience of our community and of other ones. Such tools, softwares, services, formats or datasets should observe the principles of being reusable (I can use it on my data), transferable (I can use it on my premises) and reproducible (I can obtain the same results).

The accepted contributions are presented during interactive pitch and demo sessions, enabling authors to advertise their work, identify potential issues and solutions in their approach, as well as igniting collaboration with other participants. While this is encouraged, releasing tools with a free/open-source license is not required.

ICDAR-OST is a two-day workshop. The first day comprises interactive pitch and demo sessions, group brainstormings, and a

keynote speech of Pascal MONASSE (ipol.im editor, co-chair of ICPR RRRP workshop [4]). The second day features a hackathon to enable participants to collaborate on issues identified during the first day.

#### Topics of interest include, but are not limited to:

- Fully Open Source Tools
- Web Services for Document Image Analysis
- Collaborative Platforms
- Creating Ground Truth
- Performance Evaluation
- Coordination systems for DAR
- Deployment of document image processing tools for production
- All methods or tools related to Document Image Analysis Research in general

#### Committee

##### Main Organizers

- Marcel Würsch, University of Fribourg, Switzerland
- Joseph Chazalon, Université de La Rochelle, France

##### Program Committee Chairs

- Marcus Liwicki, University of Fribourg, Switzerland
- Mickaël Coustaty, Université de La Rochelle, France
- Bart Lamiroy, Université de Lorraine, France
- Daniel Lopresti, Lehigh University, USA

##### Program Committee

- Apostolos Antonacopoulos, University of Salford, UK
- Miguel Colom, CMLA, ENS Cachan, France
- Markus Ebbecke, Insiders, Germany
- Jihad El-Sana, Ben-Gurion University of the Negev, Israel
- Thierry Géraud, LRDE, EPITA, France
- Bertrand Kerautret, Université de Lorraine, France
- Pascal Monasse, LIGM, École des Ponts ParisTech, France
- Günter Mühlberger, University of Innsbruck, Austria
- Marçal Rusiñol, Computer Vision Center / Universitat Autònoma de Barcelona, Spain
- Karim Sayadi, University Pierre and Marie Curie Paris, France
- Fotini Simistira, University of Fribourg, Switzerland
- Daniel Stöckl Ben Ezra, École Pratique des Hautes Études (EPHE) Paris, France
- Vincent Poulain d'Andecy, ITESOFT-M4 - Yooz, France
- Markus Ebbecke, Insiders Technologies, Germany

#### Links

- [1] [https://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](https://www.ieee.org/conferences_events/conferences/publishing/templates.html)
- [2] <http://www.iapr.org/constitution/soe.php>
- [3] <https://easychair.org/conferences/?conf=icdarost2017>
- [4] <https://wrrpr2016.sciencesconf.org/>

## ICDAR 2017: Workshops (repost)

Nine workshops and three tutorials will be offered at ICDAR 2017.

Please see below a list of these Workshops and the names of the corresponding organizers.

#### Workshops

- **HDI 2017**: First International Workshop on Human-Document Interaction  
Jean-Christophe Burie, Mickaël Coustaty, Dimosthenis Karatzas and Koichi Kise
- **CBDAR 2017**: 7th International Workshop on Camera-Based Document Analysis and Recognition  
Lluís Gomez-Bigorda, Muhammad Muzzamil Luqman and Dimosthenis Karatzas
- **MANPU 2017**: 2nd International Workshop on coMics Analysis, Processing and Understanding  
Jean-Christophe Burie, Toshihiko Yamasaki and Motoi Iwata
- **WML ICDAR**: Workshop on Machine Learning

Umapada Pal and Eric Granger

- **HIP 2017**: 4th International Workshop on Historical Document Imaging and Processing  
Andreas Fischer, Angelika Garz, Kengo Terasawa and Bill Barrett
- **IWCDF 2017**: 1st International Workshop on Computational Document Forensics  
Jean-Marc Ogier, Utpal Garain and Apostolos Antonacopoulos
- **ICDAR-OST**: 1st International Workshop on Open Services and Tools for Document Analysis  
Marcel Würsch and Joseph Chazalon
- **GREC**: 12th International Workshop on Graphics Recognition  
Alicia Fornés and Bart Lamiroy
- **MOCR**: 6th International Workshop on Multilingual OCR  
Venu Govindaraju, Prem Natarajan, Santanu Chaudhury and Srirangaraj Setlur

Please check the program of the Workshops at the following link:

[http://u-pat.org/ICDAR2017/program\\_workshops.html](http://u-pat.org/ICDAR2017/program_workshops.html)

Michael Blumenstein & Umapada Pal

ICDAR-2017 Workshop Co-Chairs

([Michael.Blumenstein@uts.edu.au](mailto:Michael.Blumenstein@uts.edu.au), [umapada@isical.ac.in](mailto:umapada@isical.ac.in))

## ICDAR Doctoral Consortium

In 2011, the first Doctoral Consortium in the Document Analysis community was organized in conjunction with the International Conference on Document Analysis and Recognition (ICDAR). This has led to successful successor events at ICDAR 2013 and ICDAR 2015. The tradition of having a Doctoral Consortium as a satellite event to the ICDAR main conference will further be continued at ICDAR 2017 in Kyoto, Japan.

The goal of the ICDAR 2017 Doctoral Consortium is to create an opportunity for Ph.D. students to test their research ideas, present their current progress and future plans, and receive constructive criticism and insights related to their future work and career perspectives. A mentor (a senior researcher who is active in the field) will be assigned to each student to provide individual feedback. In addition, students will have the opportunity to present an overview of their research plan during a special poster session.

Participation in the ICDAR 2017 Doctoral Consortium will be limited to 25 students. Prospective participants are encouraged to submit their application by July 15 (submission procedure to be announced). The Doctoral Consortium Chairs will then review all applications received. Preference will be given to students who are at a stage in their studies most likely to benefit (i.e., they have identified a research direction and published some initial results, but the thesis is not yet set in stone).

Participation to the Doctoral Consortium will be free for all accepted students, i.e., there will be no extra registration fees!

### **Importante date**

The ICDAR 2017 Doctoral Consortium will take place the day before the main conference, i.e., on Sunday, November 12.

We are looking forward to your participation!

Véronique Eglin and Rafael Dueire Lins

Doctoral Consortium Chairs

## IAPR/ICDAR Awards

We would like to congratulate our IAPR/ICDAR 2017 Award winners:

[http://u-pat.org/ICDAR2017/awards\\_IAPR.php](http://u-pat.org/ICDAR2017/awards_IAPR.php)

The IAPR/ICDAR Outstanding Achievements Award is presented to Prof. Rangachar Kasturi for seminal research in document image analysis and graphics recognition shaping the evolution of the document image analysis field, and for outstanding leadership to both the ICDAR and the wider international pattern recognition community.

The IAPR/ICDAR Young Investigator Award is presented to Dr. Alicia Fornés for outstanding contributions in the recognition of handwriting, text and graphics, with high impact to the field of Digital Humanities, and her service to the IAPR Technical Committee on Graphics Recognition.



We would also like to congratulate the students who received the ICDAR 2017 Student Travel Award:  
[http://u-pat.org/ICDAR2017/attend\\_financial\\_assistance.php](http://u-pat.org/ICDAR2017/attend_financial_assistance.php).

## 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/intjrnlsub.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)).

## Engineer / Postdoctoral Position, Rouen, France

Engineer / PostDoc position in Deep Learning for Handwriting Recognition  
(LITIS Laboratory- Campus du Madrillet – Normandie Rouen University, France)

### Context

As for many applications of computer vision, significant progress have been achieved these last years in the field of Handwriting Recognition, thanks to Deep Learning and Recurrent Neural Networks. Research at LITIS are conducted in this direction [1,2,3]. However, despite these progress, a reading system architecture is still composed of multiple components organized sequentially (a typical architecture includes: layout analysis of the document image, handwriting recognition, language processing). Deep learning approaches are now the state of art for any of these tasks, but their integration into a single system has not been explored much [4,5,6].

The Machine Learning team at LITIS is involved in a common laboratory with one industrial partner to develop new technologies for handwriting recognition using Mobile capturing devices like smart phones. The industrial partner has launched a capturing application with document workflow management facilities. LITIS will contribute to develop handwriting recognition technologies for field reading (titles, dates, etc...), indexation, and classification of documents by their textual content.

### Missions

The engineer or postdoc recruited will be in charge of developing a Machine Learning based processing platform so as to implement a full recognition chain dedicated to handwritten documents recognition (image processing, recognition, language processing). He (she) will contribute to the progress of the technology, considering the expected application needs and performance. The successful applicant should have a strong record in statistical machine learning, and have experience in one popular platform and programming language in the field, so as to design, develop and make the prototype evolve. He (she) will also be involved in the specification process of data collection scenario and the design of learning and test datasets for various target languages and various use case of the application at end (Information Retrieval, Personalization, etc...).

### Skills

Computer Engineer, with record on Machine Learning or PhD in machine learning, demonstrates ability to work in a team, curious and rigorous spirit esprit.

Technical skills : C/C++, Anaconda/Python, Tensor Flow /CNTK, Keras, and other librairies (Numpy, OpenCV, Kaldi ..) required for Deep Learning.

**Contact :** [Thierry.Paquet@univ-rouen.fr](mailto:Thierry.Paquet@univ-rouen.fr)

**Place :** LITIS Laboratory- Campus du Madrillet – Normandie Rouen University

**Duration:** renewable 18 month contract, starting september 2017

## PhD Position, Uppsala, Sweden

Up to two researchers with focus on large-scale image analysis and machine learning for digital palaeography  
(the Centre for Image Analysis, Uppsala Universitet, Sweden)

<http://www.uu.se/en/about-uu/join-us/details/?positionId=160491>

<http://www.uu.se/en/about-uu/join-us/details/?positionId=160483>

The group at the Centre for Image Analysis active in the field on Hand-written Text Recognition are now recruiting two more team members (for PostDoc and Researcher positions).



Uppsala University is an international research university focused on the development of science and education. Our most important assets are all the individuals who with their curiosity and their dedication make Uppsala University one of Sweden's most exciting work places. Uppsala University has 40,000 students, 7,000 employees and a turnover of SEK 6,5 billion.

These positions are part of interdisciplinary research collaboration between the Centre for Image Analysis at the Division of Visual Information and Interaction, Dept. of Information Technology, Uppsala University and the University of Gävle. The collaboration focuses on digital image processing, computerised image analysis and machine learning, with applications in the field of digital palaeography.

The Department of Information Technology has approximately 280 employees and provides education and research of the highest international quality. Roughly 4,000 students study here each year, and about 30 research teams are based here. The strong focus on research impacts and provides an excellent foundation for undergraduate education at the department. The department is building on activities in IT that have been carried on at Uppsala University since the mid 1960s. The department hosts UPPMAX (Uppsala Multidisciplinary Center for Advanced Computational Science), Uppsala University's resource of high-performance computers, large-scale storage and know-how of high-performance computing. UPPMAX is one of the six centers in the national metacenter Swedish National Infrastructure for Computing (SNIC). For more information, see [www.it.uu.se](http://www.it.uu.se) and [www.uppmax.uu.se](http://www.uppmax.uu.se).

The Centre for Image Analysis has a long tradition of theoretical and applied research and graduate education in computerized image analysis and scientific visualization. The focus is on image processing as such, but also on developing better methods, algorithms and systems for applications within primarily life sciences, medicine, and digital humanities. For more information, see [www.cb.uu.se](http://www.cb.uu.se)

### **Research Project**

These positions are a part of a project within the field of digital palaeography, i.e., computational methods for analysis and quantification of handwritten text. The extracted data can be used for scribal attribution (writer identification), dating and other similar purposes. The material consists primarily of mediaeval charters, produced in Sweden. There are more than 10.000 images of such charters available. The aim is to develop new computerized methods within image analysis and machine learning, to analyze these images, individually and collectively, in ways that a human specialist cannot achieve.

### **Assignments**

The position consists of research and a limited amount of teaching (up to 5%) and institutional duties (up to 5%). The research is to be carried out within the field of digital palaeography on the mediaeval Swedish handwritten material. Primarily the charters will be in focus, but work on other mediaeval manuscripts can also be relevant. The employee is also expected to participate in the activities at the department and work for good relations with the collaborators of the project.

### **Appointment period**

The position can be held for a maximum of two years, with starting date as soon as possible.

### **Qualifications**

To qualify for an employment as a researcher the applicants must hold a doctor's degree in image analysis, computer vision or machine learning.

### **Assessment Criteria/Ranking**

The ranking of eligible applicants will be based primarily on research expertise, and especially experience from image analysis and machine learning will be taken into account. Experience in digital palaeography and handwritten text recognition is of particular importance.

### **Additional qualifications**

Studies in the humanities and/or linguistics, and work within the field of digital humanities is considered as an additional qualification.

In the overall assessment of the applicant's qualifications, parental leave, part-time work relating to care of children, or the like are to be counted as work experience.

### **How to apply**

The applicant should include a letter describing her- or himself and motivating why applying for the position, relevant qualifications, and research interests. State in the application which of the two positions (or both) the application concerns. The application should also include a CV, copies of relevant certificates, degrees and grades, relevant publications and other documents (e.g., letter(s) of recommendation and a list of reference persons). We would also like to know the earliest possible date for starting.

Uppsala University strives to be an inclusive workplace that promotes equal opportunities and attracts qualified candidates who can contribute to the University's excellence and diversity. We welcome applications from all sections of the community and from people of all backgrounds.

**Pay:** Individual salary

**Starting:** As soon as possible.

**Type of employment:** Temporary position.

**Working hours:** 100 %

For further information about the position, please, contact

Dr. Anders Brun, [anders.brun@it.uu.se](mailto:anders.brun@it.uu.se) or Prof. Lasse Mårtensson, [lasse.martensson@hig.se](mailto:lasse.martensson@hig.se).

You are welcome to submit your application no later than 2017-10-31, UFV-PA 2017/2706

Are you considering moving to Sweden to work at Uppsala University? If so, you will find much information about working and living in Sweden at [www.uu.se/joinus](http://www.uu.se/joinus). You are also welcome to contact the International Faculty and Staff Services at [ifss@uadm.uu.se](mailto:ifss@uadm.uu.se).

We decline offers of recruitment and advertising help. We only accept the application the way described in the advertisement.

Placement: Department of Information Technology

Type of employment: Full time , Permanent position

Pay: Fixed pay

Number of positions: 2

Working hours: 100%

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: Ellena Papaioannou, Seko 018-471 3315

Per Sundman, Saco-rådet 018-471 1485

Suzanne Borén Andersson, TCO/ST 018-471 6251

Number of reference: UFV-PA 2017/2706

Last application date: 2017-10-31

## Call for papers

Event/Location/Web	Event Date	Deadline (paper submission)
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	November 20, 2017
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	November 15, 2017
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
ICPR 2018, Beijing, China Int. Conf. on Pattern Recognition <a href="http://www.icpr2018.org/">http://www.icpr2018.org/</a>	August 20-24, 2018	January 5, 2018
GREC 2017, Kyoto, Japan Int. Workshop on Graphics Recognition <a href="http://grec2017.loria.fr/">http://grec2017.loria.fr/</a>	November 09-10, 2017	--passed--
MANPU 2017, Kyoto, Japan Int. Workshop. on coMics ANalysis, Processing and Understanding <a href="http://manpu2017.imlab.jp/">http://manpu2017.imlab.jp/</a>	November 10, 2017	--passed--
ICDAR 2017, Kyoto, Japan Int. Conf. on Document Analysis and Recognition <a href="http://www.iapr.org/icdar2017">http://www.iapr.org/icdar2017</a>	November 10-15, 2017	--passed--
OST 2017, Kyoto, Japan Int. Workshop on Open Services and Tools <a href="http://diuf.unifr.ch/diva/ost2017">http://diuf.unifr.ch/diva/ost2017</a>	November 10-11, 2017	--passed--

IWCDF 2017, Kyoto, Japan

November 12, 2017

--passed--

Int. Workshop on Computational Document Forensics

<http://iwcdf2017.univ-lr.fr>

## 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

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