

Welcome to the May edition of the TC10 newsletter.

In this edition, you will find the announcement of the next edition of the Summer School on Document Analysis (SSDA), the updated information regarding GREC and HDI workshops, the call for hosting proposal for ICDAR 2023 and the current special issues at PRL.

Christophe Rigaud
IAPR-TC10 Communications Officer



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Call for Contributions: please contribute to TC10 newsletters, by sending any relevant news, event, notice, open position, dataset or link to us on [iapr.tc10\[at\]gmail.com](mailto:iapr.tc10[at]gmail.com)

1) Upcoming deadlines and events

2019

- **May 20** paper submission deadline [HDI 2019](#)
- **May 25** abstract paper submission hard deadline for [GREC 2019](#)
- **May 30** full paper submission hard deadline for [GREC 2019](#)
- **May 31** paper submission deadline [PRL Special Issue "Hierarchical Representations"](#)
- **June 1st** hosting proposal deadline for ICDAR 2023
- **June 30**, paper submission deadline [PRL special issue "Cultural Heritage"](#)
- **September 20-21** workshop [GREC 2019](#), Sydney, Australia
- **September 21-22** workshop [HDI 2019](#), Sydney, Australia
- **September 22-25** conference [ICDAR 2019](#), Sydney, Australia
- **October 27-3/11** conference [ICCV 2019](#), Seoul, Korea
- **November 13** paper submission deadline for [DAS 2020](#)

2020

- **May 17-20**, workshop [DAS 2020](#), Wuhan, China
-

2) GREC 2019 workshop (update)

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 sub-field of document image analysis that deals with graphical entities in engineering drawings, comics, musical scores, sketches, maps, architectural plans, 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.

For this edition, authors are invited to submit two types of paper :

- Full papers describing complete works of research (up to 6 pages). They will undergo a rigorous review process with a minimum of 2 reviews considering the originality of work.
- Short papers providing an opportunity to report on research in progress and to present novel positions on graphic recognition (up to 2 pages). Short papers will also undergo review and will appear in an extra booklet, not in the official proceedings. The booklet will be available on the GREC 2019 website.

Full papers will be published according to the same policy and conditions of ICDAR 2019 conference papers (format, length, publication site). See [ICDAR guidelines](#) for more information.

Short papers have to respect the same format than full papers but within the limit of 2 pages.

Important dates

- Abstract paper submission **hard deadline**: May 25, 2019
- Full paper submission **hard deadline**: May 30, 2019
- Acceptance notification: June 23, 2019
- Camera ready due: June 30, 2019
- Main Conference: September. 20 - 21, 2019

[See more...](#)

3) SSDA 2019: Summer School on Document Analysis

**3rd IAPR Summer School on Document
Analysis
Deep Learning Application for Document Analysis
August 19 th - 23 rd 2019
Islamabad, Pakistan
<http://www.pprs.org.pk/events/ssda2019.html>**

The 3rd IAPR Summer School on Document Analysis aims to provide the students and professionals with an in-depth knowledge of document analysis and recognition. The school will enable the participants to explore the emerging areas of document analysis and recognition, and focus on how deep learning is significantly reshaping research and development in this area. This summer school will not only gather best researchers from around the world to train but will also provide a captivating learning environment to the participants enabling them explore their full potential.

Topics

- Document Understanding
- Layout Analysis
- Information Retrieval
- Optical Character Recognition

Speakers (tentative)

- Jean Marc (L3I, France)
- Seiichi Uchida (Kyushu, Japan)
- Marcus Liwicki (Luleå, Sweden)
- Marc-Peter Schambach (Siemens, Germany)
- Foteini Simistra Liwicki (Luleå, Sweden)
- Cheng-Lin Liu (CASIA, China)
- Vassilis Katsouros (ILSP, Greece)
- Muzammil Luqman (L3I, France)
- Sheraz Ahmed (DFKI, Germany)

Hands-on Activities

In addition to the keynote speeches and lectures, hands-on activities will be carried out where participants will be able practice document analysis and deep learning in groups.

Registration Dates

- <https://forms.gle/dShK5B6nnd4zaLL77>
- Early bird: 15 June 2019
- Regular Registration: 15 July 2019
- Later Registration: 15 August 2019
-

Contact

pprs[at]pprs.org.pk

Location

National University of Sciences and Technology Islamabad, Pakistan.

Organizing Committee

- Faisal Shafait, NUST Islamabad
- Imran A. Siddiqui, Bahria University Islamabad
- Khurram Khurshid, IST Islamabad
- Adnan Ul-Hasan, Deep Learning Lab, NCAI Islamabad

- Sheikh Faisal Rashid, UET Lahore
- Muhammad Imran Malik, NUST Islamabad
-

[See more...](#)

4) HDI 2019: International Workshop on Human-Document Interaction

A number of recent developments point to a coming change of paradigm in the way we interact with written information around us. The Second International Workshop on Human-Document Interaction (HDI 2019) will focus on how humans interact with written information around them, and the interfaces between users and documents. The term document is meant here in the wider possible sense, to refer to any physical object that carries written information. The workshop aims to create a space for debate between the Document Image Analysis and Recognition and the Human-Computer Interaction communities. We consider that initiating this dialogue is relevant and timely. HDI will be a 100% participation, half-day, single-track workshop featuring one keynote talk, oral/poster presentations, a discussion group and possibly a demo session.

Topics of Interest:

- Augmented documents
- Linking physical and digital content
- Reading behaviour analysis
- Human factors
- User experience and usability
- Wearable sensors in reading
- Real-time / Anytime algorithms for document analysis
- Content personalisation
- Active learning (human in the loop)
- Applications (e.g. document editing, interactive translation, collaborative editing)

Organisers

- Mickaël Coustaty, L3i Laboratory, University of La Rochelle, France
- Andreas Dengel, TU Kaiserslautern, Germany
- Dimosthenis Karatzas, Computer Vision Centre, Spain
- Koichi Kise, Osaka Prefecture University, Japan
- Fernando Vilariño, Computer Vision Centre, Spain

Important dates

- Submission deadline (normal papers): June, 5
- Notification: June, 20
- Camera Ready: July, 5
- Workshop: November, 21 or 22

[See more...](#)

5) ICDAR 2023: Call for Hosting Proposals (repost)

CALL FOR PROPOSALS TO HOST ICDAR2023

International Conference on Document Analysis and Recognition (ICDAR)

The ICDAR Advisory Board is seeking proposals to host the 17th International Conference on Document Analysis and Recognition, to be held in 2023 (ICDAR2023).

ICDAR is the premier IAPR event in the field of Document Analysis and Recognition with 300 to 500 participants. The aim of this conference is to bring together international experts to share their experiences and to promote research and development in all areas of Document Analysis and Recognition.

Any consortium interested in making a proposal to host an ICDAR should first familiarize themselves with the "Guidelines for Organizing and Bidding to Host ICDAR" document which is available on the TC10 and TC11 websites (www.iapr-tc10.org and www.iapr-tc11.org, respectively).

A link to the most current version of the guidelines appears below. Small updates in the guidelines are expected during the next few weeks, so please check on the Web site of TC11 for the latest version. http://www.iapr-tc11.org/mediawiki/images/ICDAR_Guidelines_2016_02_27.pdf

The submission of a bid implies full agreement with the rules and procedures outlined in that document.

The submitted proposal must define clearly the items specified in the guidelines (Section 5.2).

It has been the tradition that the location of ICDAR conferences follows a rotating schedule among different continents. Hence, proposals from America are encouraged. However, high quality bids from other locations, for example, from countries where we have had no ICDAR before, will also be considered. Proposals will be examined by the ICDAR Advisory Board.

Proposals should be emailed to:

- Dr. Dimosthenis Karatzas at dimos@cvc.uab.es
- Dr. Alicia Fornes at afornes@cvc.uab.es

Deadline: June 1, 2019

ICDAR Advisory Board

6) Pattern Recognition Letters : Special Issue on Hierarchical Representations (repost)

The proposed virtual special issue will consider extended and updated versions of papers published at the recent ICPRAI 2018 conference as well as submissions from anybody proposing innovative methods in the field of image representation with emphasis, but not restricted to computer vision and image processing, medical imaging, 2D and 3D images, multi-modality, remote sensing image analysis, image indexation and understanding.

Image representations based on hierarchical, scale-space models and other non-regular / irregular grids have become increasingly popular in image processing and computer vision over the past decades. Indeed, they allow a modeling of image contents at different (and complementary) levels of scales, resolutions and semantics. Methods based on such image representations have been able to tackle various complex challenges such as multi-scale image segmentation, image filtering, object detection, recognition, and more recently image characterization and understanding, potentially involving higher level of semantics.

[See more...](#)

7) Pattern Recognition and Artificial Intelligence Techniques for Cultural Heritage special issue (repost)

Artificial Intelligence is rapidly contaminating new areas of our life day by day. On the other hand, the management of Cultural Heritage is increasingly in need of new solutions to document, manage and visit (even virtually) the enormous amount of artifacts and information that come from the past. The contamination of these two worlds is now a reality and creates the bounds of the main topics of this Virtual Special Issue (VSI).

[See more...](#)

8) Job offers

The L3i laboratory has two open post-doc and one PhD thesis positions in computer science.

-- Post-docposition - L3i - La Rochelle France (new) --

Subject: **Content-based document signature for IoT security**

Duration: **12 months**

Position available from: **as soon as possible**

Salary: approximately **2100 € / month (net)**

Place: **L3i, La Rochelle University, France**

Specialty: **Computer Science/ Image Processing/ Document Analysis/ Pattern Recognition**

Contact: **Mickaël Coustaty**(mickael.coustaty[at]univ-lr.fr) and **Petra Gomez-**

Krämer(petra.gomez[at]univ-lr.fr)

Please find more information in the following file: https://iapr-tc10.univ-lr.fr/wp-content/uploads/2019/05/PostDoc-SPIRIT_SVP-IOT_2.pdf

-- Post-doc position - L3i - La Rochelle France --

Title :Recognition of text with variable styles in comics books

Duration: 12 months

Position available from: Mai 1st, 2019

Salary: approximately 2100 € / month (net)

Place: L3i lab, University of La Rochelle, France

Specialty: Computer Science/ Image Processing/ Document Analysis/ Pattern Recognition

Contact: Jean-Christophe BURIE (jcburie [at] univ-lr.fr)

Position Description

More information in the following file: <https://iapr-tc10.univ-lr.fr/wp-content/uploads/2019/05/post-doc-L3i BD.pdf>

-- PhD position - L3i - La Rochelle France --

Title :Extraction of complex textual elements – Application to onomatopoeia detection and recognition in comics books

Duration: 36 months

Position available from: June 1st, 2019

Salary: approximately 1200 € / month (net)

Place: L3i lab, University of La Rochelle, France

Specialty: Computer Science/ Image Processing/ Document Analysis/ Pattern Recognition

Contact: Jean-Christophe BURIE (jcburie [at] univ-lr.fr)

More information in the following file: <https://iapr-tc10.univ-lr.fr/wp-content/uploads/2019/05/phd-L3i BD.pdf>

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