Welcome to the June edition of the TC10 newsletter.

In this edition, you will find the announcement of ICDAR Doctoral Consortium, information regarding next GREC workshop, the Summer School on Document Analysis in Islamabad, the current special issue at PRL and several job offers.

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

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1) Upcoming deadlines and events

2019

- **June 30**paper submission deadline PRL special issue "Cultural Heritage"
- **July 10**submission deadline for Doctoral consortiumof ICDAR 2019
- **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) ICDAR 2019 Doctoral Consortium (new)

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,
ICDAR 2015 and ICDAR 2017. The tradition of having a Doctoral Consortium as a satelite
event to the ICDAR main conference will further be continued at ICDAR 2019 in Sydney,
Australia.

The goal of the ICDAR 2019 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 2019 Doctoral Consortium will be limited to 25
students. Prospective participants are encouraged to submit their application by July
10th. 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!

The ICDAR 2019 Doctoral Consortium will take place the day before the main
conference, i.e., on **Sunday, September 22**.

SUBMISSION PROCEDURE
Students willing to participate should submit a participation package in **a SINGLE pdf
file**.

The submission package should be prepared using the following [LaTeX or MS Word
templates](#)and should contain the following information:

- Student's name
- University
- Title of your thesis
- Supervisor of the thesis
- Starting and expected finalization date of the PhD.
- short research plan (1-2 pages about the work).
- short CV (1-2 pages).

The research plan should contain an overview of the PhD topic, the steps made so far (including a list of publications), and the actions planned before finishing the PhD, especially novel research ideas to be pursued.

Submission should be done before July 10th, 2019
to https://easychair.org/conferences/?conf=dcicdar2019

IMPORTANT DATES

- Submission deadline: July 10th, 2019
- Acceptance notification and Mentor assignment: July 20th, 2019
- Final material due: September 5th, 2019
- Doctoral Consortium: September 22nd, 2019

We are looking forward to your participation!

Véronique Eglin and Jean-Christophe Burie
Doctoral Consortium Chairs

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3) GREC 2019 workshop (repost)

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 guidelinesfor 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

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4) SSDA 2019 Summer School on Document Analysis (repost)

**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
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See more...

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5) 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...

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6) Job offers

-- PhD studentship at Queen Mary University of London (AI and Music CDT)(new) --

A **fully-funded PhD studentship**is available to carry out research in the area of **Optical Music Recognition using Deep Learning**in collaboration with Steinberg Media Technologies GmbH. See full PhD topic description here.

The position is available within the **UKRI Centre for Doctoral Training in Artificial Intelligence and Music (AIM) at Queen Mary University of London** https://www.aim.qmul.ac.uk/

The studentships covers fees and a stipend for four years starting September 2019. The position is open to UK and international students. Application deadline: 21 June 2019 (http://www.aim.qmul.ac.uk/apply)

Why apply to the AIM Programme?

- 4-year fully-funded PhD studentships available
- Access to cutting-edge facilities and expertise in artificial intelligence (AI) and music/audio technology
- Comprehensive technical training at the intersection of AI and music through a personalised programme
- Partnerships with over 20 companies and cultural institutions in the music, audio and creative sectors

More information on the AIM Programme can be found at: https://www.aim.qmul.ac.uk/

Programme structure Our Centre for Doctoral Training (CDT) offers a four year training programme where students will carry out a research project in the intersection of AI and music, supported by taught specialist modules, industrial placements, and skills training. Find out more about the programme structure at: http://www.aim.qmul.ac.uk/about/

Who can apply?We are on the lookout for the best and brightest students interested in the intersection of music/audio technology and AI. Successful applicants will have the following profile:

- Hold or be completing a Masters degree at distinction or first class level, or equivalent, in Computer Science, Electronic Engineering, Music/Audio Technology, Physics, Mathematics, or Psychology.
- Programming skills are strongly desirable; however we do not consider this to be an essential criterion if candidates have complementary strengths.
- Formal music training is desirable, but not a prerequisite.
- This position is open to UK and international students.

FundingFunding will cover the cost of tuition fees and will provide an annual tax-free stipend of £17,009. The CDT will also provide funding for conference travel, equipment, and for attending other CDT-related events.

Apply Now Information on applications and PhD topics can be found at: http://www.aim.qmul.ac.uk/applyApplication deadline: **21 June 2019**

For further information on eligibility, funding and the application process please visit our website. Please email any questions to aim-enquiries@qmul.ac.uk

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

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 (repost) --

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 (repost) --

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