[IAPR-TC10] Newsletter 158 - August 2024

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Welcome to the August edition of the TC10 newsletter.

In few days will start our main event of the year, ICDAR 2024 in Athens, Greece. Six workshops including DAS and MANPU will be held on Friday and Saturday. Three tutorials will take place Sunday and the main conference will run from Monday to Wednesday, including four keynote speakers, orals and many competition and poster sessions. This year's best young investigator award goes to... Dr. Vincent Christlein congratulations!

This issue also includes call for papers for the IJDAR journal track of ICDAR 2025 and the open call for organizing next DAR events.

Looking forward to seeing you in Athens,

Christophe Rigaud

IAPR-TC10 Communications Officer

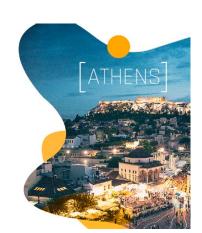


Table of content:

- 1) Upcoming deadlines and events
- 2) ICDAR 2024 Young Investigator Award nomination
- 3) ICDAR 2024 Doctoral Consortium
- 4) ICDAR 2024 MANPU workshop news
- 5) ICDAR 2024 DAS workshop repost
- 6) ICDAR 2025 Call for Paper
- 7) ICDAR-IJDAR 2025 Journal Track Call for Paper
- 8) Open Call for Organizing DAR Events
- 9) IJDAR paper alert
- 10) Job offers repost

Call for contributions: feel free to contribute to TC10 newsletters, by sending any relevant news, event, notice, open position, dataset or link to us on iapr.tc10[at]gmail.com

Join us! If you are not already a member of the TC10 community, please consider joining the TC10 mailing list by clicking the join us (https://iapr-tc10.univ-lr.fr/?page_id=85) button on the main page the website.

1) Upcoming deadlines and events

2024

- Deadlines
 - Nov 15, ICDAR 2025 Journal track paper submission deadline
- Events:
 - August 30, workshop (https://icdar2024.net/)MANPU 2024 (https://manpu2024.imlab.jp), Athens,
 Greece
 - August 30-31, workshop DAS 2024 (https://das2024.seecs.edu.pk/), Athens, Greece
 - August 30-4 Sep., conference ICDAR 2024 (https://icdar2024.net/), Athens, Greece
 - o December 1-5, conference ICPR 2024 (https://icpr2024.org/), Kolkata, India

2025 and later

- Deadlines
 - Feb 7 abstract submission deadline, ICDAR 2025 (https://www.icdar2025.com/)
- Events
 - Sep 17-21, conference ICDAR 2025 (https://www.icdar2025.com/), Wuhan, China

2) IAPR/ICDAR Young Investigator Award – nomination

The IAPR/ICDAR Award Program is an established program designed to recognize individuals who have made outstanding contributions to the field of Document Analysis and Recognition in one or more of the following areas:

- Research
- Training of students
- Research/Industry interaction
- Service to the community

The IAPR/ICDAR Young Investigator Award is presented biannually in even years. Recipients need to be less than 40 years old at the time the award is made.

The recipient of the award 2024 is:

Dr. Vincent Christlein, for outstanding contributions to handwriting recognition applied to forensics and historical documents.

Congratulations!

The award will be presented at ICDAR 2024, followed by a <u>keynote speech (https://icdar2024.net/keynote-speakers/)</u> of Dr. Christlein.

Jean-Christophe Burie and Andreas Fischer TC10 and TC11 Chairs

3) ICDAR 2024 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, ICDAR 2015, ICDAR 2017, ICDAR 2019, ICDAR 2021, and ICDAR 2023. The tradition of having a Doctoral Consortium as a satelite event to the ICDAR main conference will further be continued at ICDAR 2024 in Athens, Greece.

The goal of the ICDAR 2024 Doctoral Consortium is to create an opportunity for PhD 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. Students will have the opportunity to present an overview of their research plan during the poster sessions of the main conference. In addition, a mentor (a senior researcher who is active in the field) will be assigned to each student to provide individual feedback.

Participation in the ICDAR 2024 Doctoral Consortium will be limited to 25 students. Prospective participants are encouraged to submit their application by June 24, 2024. 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. There will be no extra registration fees.

The ICDAR 2024 Doctoral Consortium will take place during the poster sessions of the main conference, i.e., on Monday, September 2, and Tuesday, September 3.

4) ICDAR 2024 MANPU workshop – news

 $The \, 6th \, International \, Workshop \, on \, coMics \, ANalysis, Processing \, and \, Understanding \, and \, Compare \, and \, Comp$

Friday, August 30, 2024

Grand Hyatt Hotel, Athens, Greece

https://manpu2024.imlab.jp/#program (https://manpu2024.imlab.jp/#program)

Organized in conjunction with ICDAR2024 The 18th International Conference on Document Analysis and Recognition (https://icdar2024.net/), Grand Hyatt Hotel, Athens

Greece, August 30 - September 4, 2024 (https://manpu2024.imlab.jp/#top)

News: keynote speech, August 30 at 9:00am

The patterns of global comics Neil Cohn (https://www.visuallanguagelab.com) (Tilburg University)

While sequential images are pervasive in society, from picture books to instruction manuals and storyboards, they appear most complex in comics around the world. Over the past two decades, an increasing focus on corpus analysis has begun to allow greater insights into how comics are structured and comprehended, across work blending manual and computational annotations. Here I will focus on the insights from two corpus projects: the Visual Language Research Corpus (360 comics, 9 countries, 48,000 panels) and the TINTIN Corpus (1,030

comics, 144 countries/territories, 76,000 panels). This analysis will highlight how the structures of comics change over time while interacting with the culture and languages of their authors, revealing distinctive "visual languages" that balance diverse and universal features, consistent with other linguistic systems.

https://manpu2024.imlab.jp/#keynote (https://manpu2024.imlab.jp/#keynote)

5) ICDAR 2024 DAS workshop

The 16th International Workshop Document Analysis Systems Friday, August 30 and Saturday, August 31, 2024 https://das2024.seecs.edu.pk/ (https://das2024.seecs.edu.pk/)

Organized in conjunction with ICDAR2024 The 18th International Conference on Document Analysis and Recognition (https://icdar2024.net/), Grand Hyatt Hotel, Athens Greece, August 30 - September 4, 2024

Document Analysis System (DAS) will be organized as a satellite workshop in conjunction with ICDAR 2024. Join us at DAS 2024 to explore the cutting-edge of document analysis technologies! This workshop is an unparalleled opportunity for researchers, practitioners, and technology enthusiasts to engage in a forward-looking discourse on document analysis systems' evolution and future directions.

For more details, please have a look at the following link

https://das2024.seecs.edu.pk/submission.html (https://das2024.seecs.edu.pk/submission.html)

We are looking forward to your excellent contributions!

DAS Organizing Committee

6) ICDAR 2025 Call for Paper

September 17-21, 2025 Wuhan, Hubei, China https://www.icdar2025.com/ (https://www.icdar2025.com/)

ICDAR is the premier event for scientists and practitioners involved with document analysis and recognition, a field of growing importance in our current age of digital transition. The 18th edition of this flagship conference will beheld in Wuhan, September 17-21, 2025.

Conference Paper Submissions

There is both a standard conference paper track and a journal track at ICDAR 2025; details regarding the journal track maybe found in a separate Call for Papers.

Reviewing for conference papers will be double blind. Authors should not include their names, affiliations, or acknowledgements in submitted manuscripts, and should ensure that their identity is not revealed indirectly by

citing their earlier work in the third person.

Papers maybe up to 15 pages long (including references) in Springer Lecture Notes in Computer Science (LNCS) format. Detailed submission instructions for authors can be found on the conference website (https://www.icdar2025.com/home) (https://www.icdar2025.com/home).

Important Dates

Feb 7, 2025: Conference Title & Abstract submission deadline **Feb 21, 2025:** Conference full paper upload and editing closed

Apr 11, 2025: Conference reviews due Apr 18, 2025: Conference rebuttal due

Apr 25, 2025: Conference paper acceptance notation May 16, 2025: Camera-Ready and final notation

Publication: Springer Lecture Notes in Computer Science

The conference proceedings will be published as part of the Springer Lecture Notes in Computer Science (LNCS) series. Accepted papers will be freely available through SpringerLink from the conference website for one year after publication, and will later be freely available through SpringerLink four years after publication.

Contact:

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7) 2025 ICDAR-IJDAR Journal Track – Call for Paper

https://www.icdar2025.com/submission/journal-track (https://www.icdar2025.com/submission/journal-track)

https://link.springer.com/journal/10032/updates/27412600 (https://link.springer.com/journal/10032/updates/27412600)

Following a feature of ICDAR2019 through ICDAR2024, ICDAR 2025 will again include the option of a journal track that offers the rapid turnaround and dissemination times of a conference while providing the paper length, scientific rigor, and careful review process of an archival journal.

The ICDAR-IJDAR journal track invites high-quality submissions that present original work in the areas of Document Analysis and Recognition appropriate to both the International Conference on Document Analysis and Recognition (ICDAR) and the International Journal on Document Analysis and Recognition (IJDAR). Accepted papers will be published in a special issue of IJDAR and will receive an oral presentation slot at the ICDAR 2025 conference.

Authors who submit their work to the journal track commit themselves to present their results at the ICDAR conference in case of acceptance. Springer Nature, the publisher of IJDAR, will make the papers accepted for the

journal track freely available in a time frame of four weeks around the conference, beyond being available in the archival journal.

Format: Papers submitted to the journal track should follow the format of IJDAR submissions and all of the standard guidelines (https://www.springer.com/journal/10032).

Important Dates

- Nov 15, 2024: Journal track paper submission deadline
- Jan 10, 2025: Initial journal track decision announced
- Mar 14, 2025: Journal track paper revise submission deadline
- May 23, 2025: Final notification

IJDAR Journal Track Submission Guidelines:

Authors should submit their papers via the ICDAR 2025 collection on the

IJDAR website. Please choose ICDAR 2025 from the collection dropdown on the "Details" page of the submission process. Submitted papers should present original, unpublished work, relevant to one of the topics of the Special Issue. All submitted papers will be evaluated on the basis of relevance, significance of contribution, technical quality, scholarship, and quality of presentation, by at least three independent reviewers. It is the policy of the journal that no submission, or substantially overlapping submission, be published or be under review at another journal or conference at any time during the review process. Manuscripts will be subject to a peer reviewing process and must conform to the author guide

lines available on the IJDAR website.

Publication: Springer Lecture Notes in Computer Science

The conference proceedings will be published as part of the Springer Lecture Notes in Computer Science (LNCS) series. Accepted papers will be freely available through SpringerLink from the conference website for one year after publication, and will later be freely available through SpringerLink four years after publication.

8) Open Call for Organizing DAR Events

The IAPR technical committees on graphics recognition (TC10) and reading systems (TC11) are regularly organizing scientific events for the Document Analysis and Recognition (DAR) community, including the ICDAR flagship conference.

In addition to specific calls for bids to host one of the events, we encourage teams to announce their interest in organizing one of the following events:

- ICDAR: International Conference on Document Analysis and Recognition (annually; next possibility in 2028)
- **DAS**: International Workshop on Document Analysis Systems (satellite event of ICDAR in even years; next possibility in **2026**)
- **GREC**: International Workshop on Graphics Recognition (satellite event of ICDAR in odd years; next possibility in **2025**)
- **SSDA**: Summer School on Document Analysis (biannually in odd years; next possibility in **2025**, see call for proposal in section 9 of this newsletter).

Anyone interested in hosting one of these events is invited to announce their interest via email to <u>jean-christophe.burie@univ-lr.fr</u> (mailto:jean-christophe.burie@univ-lr.fr) and <u>andreas.fischer@unifr.ch</u> (mailto:andreas.fischer@unifr.ch), in order to receive feedback and support for preparing a proposal.

9) IJDAR article alert (vol. 27, issue 2)

Volume 27, issue 2, June 2024. Please find below the 6 articles:

The image and ground truth dataset of Mongolian movable-type newspapers for text recognition (https://link.springer.com/article/10.1007/s10032-023-00450-x)

Min Lu Feilong Bao ... Guanglai Gao

<u>TableStrRec:</u> framework for table structure recognition in data sheet images (https://link.springer.com/article/10.1007/s10032-023-00453-8)

Johan Fernandes Bin Xiao ... Ala Abu Alkheir

Offline handwritten mathematical recognition using adversarial learning and transformers (https://link.springer.com/article/10.1007/s10032-023-00451-w)

Ujjwal Thakur & Anuj Sharma

<u>Perceptual cue-guided adaptive image downscaling for enhanced semantic segmentation on large document images (https://link.springer.com/article/10.1007/s10032-023-00454-7)</u>

Chulwoo Pack Leen-Kiat Soh & Elizabeth Lorang

<u>SoftCTC</u>—semi-supervised learning for text recognition using soft pseudo-labels (https://link.springer.com/article/10.1007/s10032-023-00452-9)</u> – Special Issue Paper

Martin Kišš Michal Hradiš ... Michal Kula

<u>Attention-based multiple siamese networks with primary representation guiding for offline signature verification (https://link.springer.com/article/10.1007/s10032-023-00455-6)</u>

Yu-Jie Xiong Song-Yang Cheng ... Yu-Jin Zhang

10) Job offers – repost

For internship, please find an updated list maintained by IAPR of 38 companies with locations (some remote), requirements, etc.: https://iapr.org/about-us/internships/)

PhD Positions Available (Fall 2024 or Spring 2025)

Document and Pattern Recognition Lab, RIT, USA

Area: Graphics-Oriented and Multi-Modal Information Retrieval and Information Extraction

Currently we are looking to recruit 2 PhD students to start their PhD as members of the <u>Document and Pattern Recognition Lab (https://www.cs.rit.edu/~dprl/index.html)</u> in the CS Department in Fall 2024. The focus of our work is on recognizing and retrieving information in document, images, and videos, with an emphasis on graphical notations (e.g., math and chemistry).

An overview of some projects from the lab may be found online https://www.cs.rit.edu/~dprl/ projects.html). Former PhD students from the dprl work in a variety of industrial research positions (e.g., at Apple in the bay area) and as professors at universities (e.g., at DePaul University in Chicago, and the University of Southern Maine).

Information for Applicants:

- All applicants should carefully review the dprl lab pages at: https://www.cs.rit.edu/~dprl/index.html (https://www.cs.rit.edu/~dprl/index.html).
 - Have a look at the demonstrations, papers, dissertations, and theses published out of the lab.
- PhD applicants must hold or soon be completing a BSc or MSc in Computer Science (with foundations in theory, algorithms, and implementation).
- To apply, send your CV/resume along with a brief research proposal sketch (1-2 pages) that includes:
 - a specific research question,
 - how this is related to previous work in the dprl, and
 - a short sketch of how you would go about addressing the question
 - Note: You will not be committed to work proposed, this is for application purposes only.
- If your background and materials are a fit for the lab, I will email to set up two interviews over Zoom: the first for discussion, and the second as a technical interview

If you wish to apply or have any questions about the available positions, please do not hesitate to email me at rxzvcs@rit.edu (mailto:rxzvcs@rit.edu). If you think you may be interested, please contact me soon, the deadline for formal applications to the program is in early-to-mid January of 2024.

Richard Zanibbi.

« [IAPR-TC10] Newsletter 157 – March 2024 (https://iapr-tc10.univ-lr.fr/?p=1704)