
[IAPR-TC10] Newsletter 157 – March 2024

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Welcome to the March edition of the TC10 newsletter.

In this issue you'll find ICDAR 2024 satellite workshop (DAS, MANPU) and several competition announcements, ICPR 2024 deadline extension, IJDAR paper alert and a special issue at Multimedia Tools and Applications: Heritage Preservation in the Digital Age. There are also several approaching deadlines listed in the first section.

I wish you a pleasant reading,

Christophe Rigaud
IAPR-TC10 Communications Officer

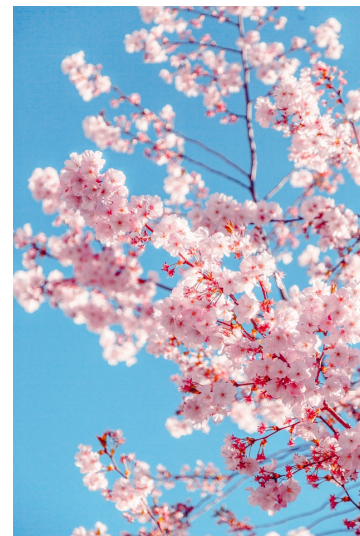


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Call for contributions: feel free to contribute to TC10 newsletters, by sending any relevant news, event, notice, open position, dataset or link to us on [iapr.tc10\[at\]gmail.com](mailto:iapr.tc10[at]gmail.com)

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

1) Upcoming deadlines and events

2024

- Deadlines
 - ~~March 20~~ **April 10**, paper submission deadline, ICPR 2024 (<https://icpr2024.org>), Kolkata, India – **extended**
 - **March 31**, workshop proposal deadline for ICPR 2024 (<https://icpr2024.org>)
 - **March 31**, deadline of the IAPR Fellow Awards Call for Nominations
 - **April 5**, *proposal submission* for hosting SSDA 2025
 - **April 15**, paper submission deadline for special issue: Heritage Preservation in the Digital Age – **extended**
 - **April 23**, abstract submission deadline MANPU 2024 (<https://manpu2024.imlab.jp>) – **extended**
 - **April 29**, paper submission deadline DAS 2024 (<https://das2024.seecs.edu.pk/>)
 - **June 15**, tutorial proposal deadline for ICPR 2024 (<https://icpr2024.org>)
- 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
 - **December 1-5**, *conference* ICPR 2024 (<https://icpr2024.org/>), Kolkata, India

2025 and later

2) MANPU@ICDAR 2024 Call for Paper

The 6th International Workshop on coMics ANalysis, Processing and Understanding

August 30, 2024

Grand Hyatt Hotel, Athens, Greece

<https://manpu2024.imlab.jp> (<https://manpu2024.imlab.jp>)

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

Why should we research on Comics?

For example, the detection and recognition of the characters in a comics page are not trivial since the main character can be a human being, an animal, or even an imaginary character. In this context, the “pattern recognition” task is a tricky problem. Comics analysis has aroused interest among researchers. The number of scientific papers dealing with comics analysis has significantly increased in international conferences and journals during the last ten years.

Important Dates



Title and abstract submission due:	April 23rd, 2024
Paper submission due:	April 30th, 2024
Notification of acceptance:	May 27th, 2024
Camera-ready paper due:	June 10th, 2024
Workshop:	August 30th, 2024

(<https://manpu2024.imlab.jp/#top>)

Scope and Topics

The scope of this workshop includes, but is not limited to,

- Comics Image Processing
- Comics Analysis and Understanding
- Comics Recognition
- Comics Retrieval and Spotting
- Comics Enrichment
- Born-digital comics
- 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

Datasets

To evaluate the proposed works, participants will be able to use the following datasets that are publicly available. Researchers can request to download them at each website.

eBDtheque (<http://ebdtheque.univ-lr.fr/>) consists of **100 images** with **ground truth** for panels, speech balloons, tails, text lines, leading characters.

website: <http://ebdtheque.univ-lr.fr/> (<http://ebdtheque.univ-lr.fr/>)

Manga109 (<http://www.manga109.org/en/>) consists of **over 20 thousand images** of 109 volumes (21,142 images).

website: <http://www.manga109.org/en/> (<http://www.manga109.org/en/>)

[return to top \(https://manpu2024.imlab.jp/#top\)](https://manpu2024.imlab.jp/#top)

Paper Submissions

Submission and Review

All papers will have to be submitted through the [EasyChair submission system \(https://www.easychair.org/conferences/?conf=manpu2024\)](https://www.easychair.org/conferences/?conf=manpu2024) on or before the submission deadline. Authors can update their papers before the submission deadline. MANPU 2024 will follow a single-blind review process. The accepted papers will be published in the “ICDAR pre-conference volume” edited by Springer in the Lecture Notes in Computer Science (LNCS) series.



Paper format and length.

Papers should be formatted with the style files/details available at [Information for Authors of Springer Computer Science Proceedings](https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines) (<https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>). The LaTeX template for LNCS can be downloaded [here](https://resource-cms.springernature.com/springer-cms/rest/v1/content/19238648/data/v8) (<https://resource-cms.springernature.com/springer-cms/rest/v1/content/19238648/data/v8>). It is also available on [Overleaf](https://www.overleaf.com/latex/templates/springer-lecture-notes-in-computer-science/kzwwpvhwnvfj#.WtR5Hy5ua71) (<https://www.overleaf.com/latex/templates/springer-lecture-notes-in-computer-science/kzwwpvhwnvfj#.WtR5Hy5ua71>). Only PDF files are accepted. A complete paper should be submitted in the proper format. Papers accepted for the workshop will be allocated up to 15 pages (usually not counting references) in the proceedings. Submissions are expected to be in the range of 10-15 pages.

Submission site

Paper submissions for MANPU2024 will be handled through the Easy Chair conference management system. Please visit <https://www.easychair.org/conferences/?conf=manpu2024> (<https://www.easychair.org/conferences/?conf=manpu2024>).

General Co-Chairs,

Jean-Christophe Burie University of La Rochelle, France

Motoi Iwata Osaka Metropolitan University, Japan

Yusuke Matsui The University of Tokyo, Japan

Check last news: <https://manpu2024.imlab.jp> (<https://manpu2024.imlab.jp>)

3) DAS@ICDAR 2024 Call for Paper

The 16th International Workshop Document Analysis Systems

August 30-31, 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.

We welcome papers and demos in the following categories according to Springer formatting guidelines.

- Full papers (**12-15 pages**) for comprehensive research findings,
- Short papers (**6-8 pages**) for research in progress, and novel ideas
- Demos. Must be accompanied by a short paper (**6-8 pages**)
- Demos for **Accepted ICDAR papers (4-8 pages)** highlighting the application and technical detail of the accepted paper.

Important Dates



Full Paper submission: **April 29, 2024**

Full Paper Acceptance notification: **May 27, 2024**

Full Papers Camera-ready: **June 07, 2024**

Short Papers/Demos Submission: **June 03, 2024**

Short Papers/Demos Acceptance Notification: **June 10, 2024**

Short Papers Camera-ready: **June 17, 2024**

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

4) Call for Nominations for the 2024 IAPR Fellow Awards – repost

Deadline: March 31, 2024

Full 2024 Nomination Instructions can be found [here \(https://iapr.org/docs/IAPR-Fellow-nomination-Instructions-2024.docx\)](https://iapr.org/docs/IAPR-Fellow-nomination-Instructions-2024.docx) (.docx)

To initiate a nomination, a nominator must complete and submit an [IAPR Fellow Nomination Form \(https://iapr.org/fellows/fellow-nominations/fellow-nomination-form/\)](https://iapr.org/fellows/fellow-nominations/fellow-nomination-form/). Any member of an IAPR Member Society can serve as nominator, except for the nominee themselves and the current members of the Executive and Fellow Committees.

Each nomination must be endorsed by at least one recommendation letter (submitted [endorsement form \(https://iapr.org/fellows/fellow-nominations/fellow-endorsement-form/\)](https://iapr.org/fellows/fellow-nominations/fellow-endorsement-form/)), either from a member of an IAPR Member Society (different from the nominator) or from an IAPR Fellow.

All electronic documents (Nomination and Endorsement forms) must be submitted electronically and will be acknowledged by an email. Submission problems should be reported to the IAPR Webmaster, cc'ing the Fellow Committee Chair, Prof. Umapada Pal, Indian Statistical Institute, Kolkata, India:

To: [webmaster@iapr.org \(mailto:webmaster@iapr.org\)](mailto:webmaster@iapr.org)

Subject: Submission problem – IAPR Fellowship 2024

CC: [umapada@isical.ac.in \(mailto:umapada@isical.ac.in\)](mailto:umapada@isical.ac.in); [umapada_pal@yahoo.com \(mailto:umapada_pal@yahoo.com\)](mailto:umapada_pal@yahoo.com)

Click here for a list of members of the [IAPR Fellow Committee \(http://www.iapr.org/committees/fellow-committee\)](http://www.iapr.org/committees/fellow-committee)

IAPR appreciates your efforts to support our fellowship program!

5) ICDAR 2024 Occluded RoadText Competition

The Occluded RoadText challenge is designed to evaluate and advance existing methodologies in scene text [^]

detection and recognition, specifically under conditions of partial occlusion.

The challenge introduces a new dataset featuring real-world traffic scenes with natural objects obscuring parts of the text. Participants will need to develop methods that can decipher partially visible text and leverage the context of the entire image, including other visible texts, objects and supplementary images.

The challenge contains three different tasks – 1. Text Localization, 2. Single Image End-to-End Recognition, and 3. Multi Image End-to-End Recognition

Competition Website

<https://rrc.cvc.uab.es/?ch=29> (<https://rrc.cvc.uab.es/?ch=29>)

Important Dates

- * 15th January 2024: Competition Announced
- * 19th February 2024: Validation data released
- * 5th March 2024: Test data release
- * 20th March 2024: Submission site opens
- * 10th May 2024: Deadline for competition submissions

All deadlines are in the AoE time zone.

Organizers

- * George Tom, Minesh Mathew, Ajoy Mondal, C. V. Jawahar – CVIT, IIIT Hyderabad
- * Jerod Weinman – Grinnell College
- * Dimosthenis Karatzas – Computer Vision Center, Universitat Autònoma de Barcelona, Spain

6) ICDAR 2024 Competition on Handwriting Recognition of Historical Ciphers

Call for participation

<https://rrc.cvc.uab.es/?ch=27&com=introduction> (<https://rrc.cvc.uab.es/?ch=27&com=introduction>)

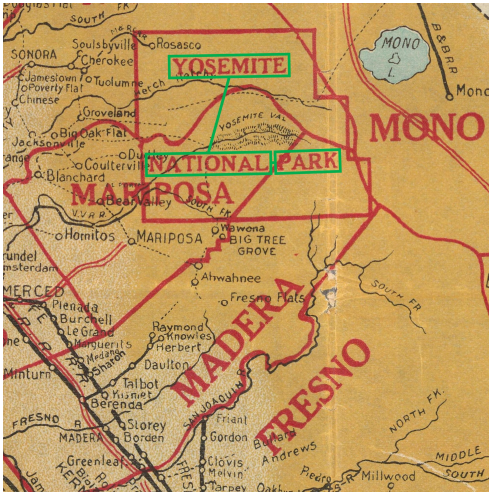
Handwritten Text Recognition (HTR) in low resource scenarios (i.e. when the amount of labeled data is scarce) is a challenging problem. This is particularly the case of historical encrypted manuscripts, so called ciphers, which contain secret messages, and were typically used in military or diplomatic correspondence, records of secret societies, or private letters. In order to hide their contents, the sender and receiver created their own secret method of writing. The cipher alphabets oftentimes include digits, Latin or Greek letters, Zodiac and alchemical signs combined with various diacritics, as well as invented ones. The first step in the decryption process is the transcription of these manuscripts which is not easy due to the great variation of hand-writing styles, and cipher alphabets with a few number of pages. Although different strategies can be considered to deal with the insufficient amount of training data (e.g. few-shot learning, self-supervised learning) the performance of available HTR models is not yet satisfactory. Thus, we believe that a competition with a large number of symbol sets and scribes can boost the research of HTR in low resource scenarios.

Dates:

- 18 February 2024: test data released
- 10 May 2024: submission of results (**extended deadline**)



7) ICDAR 2024 Competition on Map Text Detection, Recognition, and Linking



Call for Participation

Dear colleagues,

The deadline for final submission has been **extended to April 15th**, so you **still have a month left** to register for and participate in the ICDAR 2024 Competition on Map Text Detection, Recognition, and Linking! If you are at the **forefront of text detection and recognition**, we invite you to **join us**: <https://rrc.cvc.uab.es/?ch=28> (<https://rrc.cvc.uab.es/?ch=28>)

Please also note that we are **now accepting submissions for the final test set**.

This competition aims to tackle the unique challenges of **detecting** and **recognizing** textual information (e.g., place names) and **linking** words to create **location phrases** from scanned historical map images.

Training, validation and test sets are already available, along with **evaluation tools**. Follow us on Twitter (@ICDAR24_MapText (https://twitter.com/ICDAR24_MapText)) to stay updated with the **latest news!**

The competition is organized by **seasoned competition organizers** from the following institutions: University of Minnesota (USA), Grinnell College (USA), Univ Gustave Eiffel, ENSG, IGN, LASTIG (France), EHESS (France), EPITA (France).

We look forward to seeing your innovative solutions in action!

– ICDAR 2024 MapText Organizers

8) SSDA 2025: Call for proposal for the next summer school on document analysis – repost

Important Dates

April 5, 2024 Proposal Submission Deadline

Submit Proposals via email to:



- Foteini Simistira Liwicki (TC11 Representative), foteini.liwicki@ltu.se (mailto:foteini.liwicki@ltu.se)
- Momina Moetesum (TC10 Representative), momina.moetesum@seecs.edu.pk (mailto:momina.moetesum@seecs.edu.pk)

Part of the mission of International Association for Pattern Recognition (IAPR) TC11 and TC10 is to promote high quality educational activities related to Reading Systems and Graphics Recognition. Responding to this need, TC10 and TC11 have established a series of summer schools. After the successful organization of summer schools in India, France, Pakistan, Sweden, and Switzerland, **we are now soliciting proposals** for the organization of the sixth “IAPR TC10/TC11 Summer School on Document Analysis” (SSDA) in 2025.

The “*IAPR TC10/TC11 Summer School on Document Analysis*” is intended to become the primary educational activity of IAPR TC11 (Reading Systems) and TC10 (Graphics Recognition). **The School is meant to be a training activity where participants are exposed to the latest trends and techniques of Reading Systems and Graphics Recognition.**

The aim of the School is to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in selected topics of Reading Systems and Graphics Recognition. The School should aim to provide a stimulating opportunity for young researchers and PhD students in the field.

Individuals and groups who are interested in Reading Systems and Graphics Recognition are invited to submit proposals for organizing and hosting the 2025 IAPR TC10 / TC11 Summer School. As the previous summer schools were organized in Asia, Europe, and the Sub-continent, organizing teams from the Americas and Africa are encouraged to submit a bid in order to facilitate the envisioned rotational scheme of the IAPR TC10 / TC11 Summer School.

In order to fully plan their bid, it is expected that proposers familiarize themselves with the guidelines for organizing the School first. The Guidelines can be found at the TC11 Web site or click [here](http://www.iapr-tc11.org/mediawiki/index.php/Guidelines_for_Organising_and_Bidding_to_Host_the_TC10/_TC11_Summer_School) ([http://www.iapr-tc11.org/mediawiki/index.php/Guidelines_for_Organising_and_Bidding_to_Host_the_TC10 / _TC11_Summer_School](http://www.iapr-tc11.org/mediawiki/index.php/Guidelines_for_Organising_and_Bidding_to_Host_the_TC10/_TC11_Summer_School)).

The submission of a bid implies full agreement with the rules and procedures for organizing the School. Especially, this means that organizers will apply for IAPR support and that the event will use the series title “IAPR TC10/TC11 Summer School on Document Analysis” with an optional sub-title denoting a special focus of the respective event.

Please consider submitting a proposal for this increasingly important event for the TC10/TC11 community. If you have questions, please do not hesitate to contact the TC11 and TC10 SSDA representatives: Foteini Simistira Liwicki (TC11 Representative) and Momina Moetesum (TC10 Representative).

Previous events:

As a reference, the 2023 Summer School on Document Analysis was held in Fribourg, Switzerland (URL: <https://ssda2023.isc.heia-fr.ch/> (<https://ssda2023.isc.heia-fr.ch/>))

9) ICPR 2024 call for paper – extended

Greetings from the ICPR-2024 organizing committee!

The International Conference on Pattern Recognition (ICPR) is the flagship conference of the International Association of Pattern Recognition and the premier conference in Pattern Recognition, covering Computer Vision, Machine learning, Image, Speech, Sensor pattern processing etc.



ICPR-2024 is the 27th event of the series which will be held at Kolkata, India during December 1-5, 2024 and ICPR-2024 will be celebrating 50years of ICPR.

Paper submission deadline of ICPR-2024 is extended upto April 10, 2024. Organizing committee invites prospective researchers to submit papers, workshop proposals, tutorial proposals, competition proposals, etc. Information about the calls for Papers/Workshops/Tutorials/Competitions are available at the ICPR-2024 website:

<https://icpr2024.org/> (<https://icpr2024.org/>)

The deadlines for the different calls are as follows:

- Paper submission deadline: **April 10, 2024 (extended)**
- Competition Proposal submission deadline: March 31, 2024
- Workshop proposal submission deadline: March 31, 2024
- Tutorial proposal submission deadline: June 15, 2024

Submission and Review:

ICPR-2024 will follow a single-blind review process. Authors can include their names and affiliations in the manuscript.

Paper Format and Length:

Springer LNCS format with maximum 15 pages (including references) during paper submission. To take care of reviewers' comments, one more page is allowed (without any charge) during revised/camera ready submission. Moreover, authors may purchase up to 2 extra pages.

Springer LNCS paper formatting instructions and templates for ICPR-2024 are available in the ICPR-2024 website (<https://icpr2024.org/for-papers.html> (<https://icpr2024.org/for-papers.html>))

Please visit the ICPR-2024 website icpr2024.org (<http://icpr2024.org/>) for more details.

For any enquiry please contact the ICPR-2024 Secretariat via email at icpr2024@gmail.com (<mailto:icpr2024@gmail.com>) and icpr2024@isical.ac.in (<mailto:icpr2024@isical.ac.in>)

We look forward to your participation in ICPR-2024.

With regards,

Umapada Pal, Indian Statistical Institute, Kolkata, India
Josef Kittler, University of Surrey, UK
Anil Jain, Michigan State University, USA
(ICPR-2024 General Chairs)

Rama Chellappa, Johns Hopkins University, USA
Apostolos Antonacopoulos, University of Salford, UK
Cheng-Lin Liu, Institute of Automation of Chinese Academy of Sciences, China
Subhasis Chaudhuri, Indian Institute of Technology Bombay, India
(ICPR-2024 Program Chairs)

10) International Computer Vision Summer [^]

School

****Computer Vision in the Age of Large Language Models****

Sicily, Italy, 07-13 July 2024

Web: www.dmi.unict.it/icvss (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgBBQZVX1ZSCU5VVAZVGAFTA1EeBFANBR4BBVZdDgNUVwNXBIUaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>)

<http://iplab.dmi.unict.it/icvss> (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgBBQZVX1ZSCU5VVAZVGAFTA1EeBFANBR4BBVZdDgNUVwNXBIUaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>)

Email: icvss@dmi.unict.it (<mailto:icvss@dmi.unict.it>)

APPLICATION DEADLINE: 31 March 2024

<https://iplab.dmi.unict.it/icvss2024/Application> (<https://iplab.dmi.unict.it/icvss2024/Application>)

MOTIVATION AND DESCRIPTION

The eighteenth edition of the International Computer Vision Summer School aims to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in Computer Vision. The last decade has seen a revolution in the theory and application of computer vision and machine learning. The next decade will see machine perception in embodied systems which learn representations for and from action and interaction.

The courses will be delivered by world renowned experts in the field, from both academia and industry, and will cover both theoretical and practical aspects of real Computer Vision problems as well as examples of their successful commercialization.

The school aims to provide a stimulating opportunity for young researchers and Ph.D. students. The participants will benefit from direct interaction and discussions with world leaders in Computer Vision. Participants will also have the possibility to present the results of their research, and to interact with their scientific peers, in a friendly and constructive environment.

LIST OF SPEAKERS

- Zeynep Akata (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgMVfYHB1IGV04ABVtTGAFXAIYeXFUAXh5VAAdeDIJXVIBTBwAaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>), University of Tübingen, DEU
- Vijay Badrinarayanan (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgNV1AHV1FVak4JUFQEGAFVAVEeBwIEVR5QB1RaUQUHAVZUBFlaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>), Wayve, USA
- Michael Black (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgEVlCAUwZUA05TAFBWGAEDAVAeBFChBx5aVFIAAFIAUAMFAwUaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>), Max Planck Institute for Intelligent Systems, DEU
- Andreas Geiger (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhQBvdUVVpVBE4JUVRGAFRVwEeXQgMUB5XUwYPVgQDBIBRVwEaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>), University of Tübingen, DEU
- Georgia Gkioxari (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgFUgdTUFIAU04CDVdUGAEGb1YeXVJVUR5QAAANUlcOAg0FUFcaA1QHWgQNVIIYUwMGUB5RUG1RHgBTBgggBIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFpVVwAFDVFeDQ>)

DVFeDQ), California Institute of Technology, USA

- Abhishek Gupta (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgCUwUFUgEBVU4CAFRfGAEHAWMeXFQMx5aU10ODIAHBwQHUIAaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), University of Washington, USA
- Aaron Hertzmann (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgBUIUBVQFXUE4IBWEEGAEVwceXQANAx5RAQdeVgRVDAZRUGeAaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Adobe Research, USA
- Derek Hoeim (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhRAGEBAFUDUE5WUARRGAFtAVceXQgHUX5WUIRcUQVXAVdcUIEaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), University of Illinois at Urbana-Champaign, USA
- Diane Larlus (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgFAAFSA1oGBE5VAVQCGAEHBIMeXABQUh4BBgZcBwdVDFMGVgEaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Naver Labs Europe, FRA
- Richard Newcombe (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhUUFUBVIQPVU4BBgReGAEHUQAeXAZSAB5UAFMBU1QEDFQBC1oaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Meta Reality Labs Research, USA
- Pietro Perona (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhWUwBUV1RXBU5SUwMFGAFRV1ceBwIBVh4EXFcKU1cHAFZRCgAaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), California Institute of Technology, USA
- Stefano Soatto (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhWU1IHVgcPUE5VUVZWGAEHDAEeXQAMVh4BU1MAVAQEVMHA1YaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Amazon and University of California Los Angeles, USA
- Andrea Tagliasacchi (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgNAQYCVgNUCU4JUARVGAEBABceBFdXUh5UAQRdBgkPAQ1dBFQaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Simon Fraser University, CAN
- Antonio Torralba (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgFAFJVUVcOUk5VBFVUGAFdB1UeXVdVBR4GVMIMKVQEEDVRWAVcaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabIQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFeDQ>), Massachusetts Institute of Technology, USA

SCHOOL DIRECTORS

- Roberto Cipolla, University of Cambridge, United Kingdom
- Sebastiano Battiato, University of Catania, Italy
- Giovanni Maria Farinella, University of Catania, Italy

SPECIAL SESSION – Industry meets Student

In addition to the academic programme, we are organizing a special session to allow students to meet and learn about the opportunities and activities at the world leading research laboratories and companies which are exploiting computer vision.



INDUSTRIAL PANEL

- Amazon Science (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgEVQJUVAcAAk5SBVACGAFSAQEEBwcBXx5QAV0KBwBSUAFTBlcaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), US
- Ambarella-VISLAB (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgHB1UGV1AGV05RVwZSGAFVUFUEB1MHBB5XAVMNVgJUVQFcAlcaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), US
- Google (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgMBwZSV1JVUE5TB1dQGAFVBwEeB1ABAB5aBgBZVVVTBQJSVIYaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), US
- Qualcomm (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhTV1FbUAQBCE4JB1YHGAEGAgEeBAEEVB5UXFMBawYPUgVSAQUaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), US
- Meta – Reality Labs Research (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhXU1FQVgNXCU5UBVVUGAEDUVoeBwQEVb5SBQENAAFUQFcUVIaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), US
- Wayve (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkhQXAECBwYBVU4BUAMCGAFTB1QeXQcHUx4HAQQMVAVXVwxdV1saA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), UK

Picture of last editions: <https://photos.app.goo.gl/7pMQXeKvGhn7TSMaA> (<https://photos.app.goo.gl/7pMQXeKvGhn7TSMaA>)

Previous editions link: <https://iplab.dmi.unict.it/icvss2024/PreviousEditions> (<https://iplab.dmi.unict.it/icvss2024/PreviousEditions>)

MORE INFORMATION

www.dmi.unict.it/icvss (<http://iplab.dmi.unict.it/lists/lt.php?tid=fkgBBQZVX1ZSCU5VVAZVGAFTA1EeBFANBR4BBVZdDgNUVwNXBIUaA1QHWgQNVIIYUwMGUB5RUg1RHgBTBggabiQGVgZWAF9SDwICTAUAU1AAUIMBHgRQDFAeVgZXCbpTBIVRSVIBVFPVwAFDVFEDQ>), icvss@dm.unict.it (<mailto:icvss@dm.unict.it>)

Facebook: <https://www.facebook.com/groups/540991352579753/> (<https://www.facebook.com/groups/540991352579753/>)

11) Call for papers Special Issue: Heritage Preservation in the Digital Age



Heritage Preservation in the Digital Age: Advances in machine learning, monomodal and multimodal processing, and human-machine interaction

Special issue at Multimedia Tools and Applications, Springer

Deadline: April 15, 2024

<https://link.springer.com/journal/11042/updates/26502650>

Aims and Scope

This special issue focuses on analyzing, processing and valorizing all types of data related to cultural heritage, including tangible and intangible heritage. As stated by UNESCO, cultural heritage provides societies with a wealth of resources inherited from the past, created in the present for the benefit of future generations. The massive digitization of historical analogue resources and production of born digital documents provide us with large volumes of varied multimedia heritage data (images, maps, text, video, 3D objects, multi-sensor data, etc.), which represent an extremely rich heritage that can be exploited in a wide variety of fields, from research in social sciences and computational humanities to land use and territorial policies, including urban modeling, digital simulation, archaeology, tourism, education, culture preservation, creative media and entertainment.

In terms of research in computer science, artificial intelligence, and digital humanities, they address challenging problems related to the diversity, specificity or volume of the media, the veracity of the data, and the different user needs with respect to engaging with this rich material and the extraction of value out of the data. These challenges are reflected in the corresponding sub-fields of machine learning, signal processing, mono/multi-modal techniques and human-machine interaction.

The objective of this special issue is to present and discuss the latest and most significant trends on analysis, understanding and promotion of heritage contents, focusing on advances on machine learning, signal processing, mono/multi-modal techniques, and human-machine interaction. We welcome research contributions for (but not limited to) the following topics:

- Monomodal analysis: image, text, video, 3D, music, sensor data and structured referentials
- Information retrieval for multimedia heritage
- AI assisted archaeology and heritage data processing
- Multi-modal deep learning and time series analysis for heritage data
- Heritage modeling, visualization, and virtualization
- Smart digitization and reconstruction of heritage data
- Open heritage data and bench-marking

The scope of targeted applications is extensive and includes:

- Analysis, archaeometry of artifacts
- Diagnosis and monitoring for restoration and preventive conservation
- Geosciences / Geomatics for cultural heritage
- Education
- Smart and sustainable tourism
- Urban planning
- Digital Twins

Important Dates



- Submission deadline: ~~31 March 2024~~ → **15 April 2024**
- Review period: 16 April – 30 July 2024
- Notification: 31 July 2024
- Author revision deadline: 15 October 2024
- Final notification: 31 October 2024

Guest Editors

- Valerie Gouet-Brunet, IGN-ENSG, University of Gustave Eiffel, France (valerie.gouet@ign.fr)
- Ronak Kosti, Piscsart AI Lab, Germany (ronakfau@gmail.com)
- Li Weng, School of Information Technology, Zhejiang Financial College, China (lweng@zfc.edu.cn)

Submission Guidelines

Authors should prepare their manuscript according to the Instructions for Authors available from the Multimedia Tools and Applications website. Authors should submit through the online submission site at <https://www.editorialmanager.com/mtap/default.aspx> (<https://www.editorialmanager.com/mtap/default.aspx>) and select “SI 1250- Heritage Preservation in the Digital Age: Advances in machine learning, monomodal and multimodal processing, and human-machine interaction” when they reach the “Article Type” step in the submission process.

SUMAC 2023. Please note that the authors of selected papers presented at workshop SUMAC2023 (ACM Multimedia 2023) are invited to submit an extended version of their contributions by taking into consideration both the reviewers’ comments on their conference paper, and the feedback received during presentation at the conference.

12) 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 **2027**)
- **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 jean-christophe.burie@univ-lr.fr (<mailto:jean-christophe.burie@univ-lr.fr>) and andreas.fischer@unifr.ch (<mailto:andreas.fischer@unifr.ch>), in order to receive feedback and support for preparing a proposal.

Jean-Christophe Burie (Chair, TC10)

Andreas Fischer (Chair, TC11)



13) IJDAR article alert (vol. 27, issue 1)

Volume 27, issue 1, March 2024. Please find below the 7 articles:

<https://link.springer.com/article/10.1007/s10032-023-00440-z>)BPFormNet: a lightweight block pyramid network for form segmentation and classification (<https://link.springer.com/article/10.1007/s10032-023-00440-z>)

Hanyang Lin, Yongzhao Zhan & Chongshu Wu

[Chart classification: a survey and benchmarking of different state-of-the-art methods](https://link.springer.com/article/10.1007/s10032-023-00443-w) (<https://link.springer.com/article/10.1007/s10032-023-00443-w>)

Jennil Thiyam, Sanasam Ranbir, Singh Prabin & Kumar Bora

[Chinese text recognition enhanced by glyph and character semantic information](https://link.springer.com/article/10.1007/s10032-023-00444-9) (<https://link.springer.com/article/10.1007/s10032-023-00444-9>)

Shilian Wu, Yongrui Li & Zengfu Wang

[Attribute-based document image retrieval](https://link.springer.com/article/10.1007/s10032-023-00447-6) (<https://link.springer.com/article/10.1007/s10032-023-00447-6>)

Melissa Cote Alexandra & Branzan Albu

[A multifaceted evaluation of representation of graphemes for practically effective Bangla OCR](https://link.springer.com/article/10.1007/s10032-023-00446-7) (<https://link.springer.com/article/10.1007/s10032-023-00446-7>)

Koushik Roy, Md Sazzad Hossain, Pritom Kumar Saha, Shadman Rohan, Imranul Ashrafi, Ifty Mohammad Rezwan, Ifty Mohammad Rezwan, B. M. Mainul Hossain, Ahmedul Kabir & Nabeel Mohammed

[A deep learning-based solution for digitization of invoice images with automatic invoice generation and labelling](https://link.springer.com/article/10.1007/s10032-023-00449-4) (<https://link.springer.com/article/10.1007/s10032-023-00449-4>)

Halil Arslan Yunus Emre Işık Yasin Görmez

[Correction to: MRZ code extraction from visa and passport documents using convolutional neural networks](https://link.springer.com/article/10.1007/s10032-023-00445-8) (<https://link.springer.com/article/10.1007/s10032-023-00445-8>)

Yichuan Liu, Otkrist Joren, Gupta Hailey & Dan Raviv

14) Job offers – 1 new


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/> (<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 [Document and Pattern Recognition Lab](https://www.cs.rit.edu/~dprl/index.html) (<https://www.cs.rit.edu/~dprl/index.html>) 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 [here](https://www.cs.rit.edu/~dprl/projects.html) (<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 156 - November 2023
(<https://iapr-tc10.univ-lr.fr/?p=1668>)

[IAPR-TC10] Newsletter 158 - August 2024 »

