CAIP 2023

20th International Conference, on Computer Analysis of Images and Patterns

25 - 30 September 2023

Limassol-Cyprus

CAIP 2023 is the 20th in the CAIP series of biennial international conferences devoted to all aspects of computer vision, image analysis and processing, pattern recognition, and related fields.

Previous conferences were held, in Salerno, Ystad, Valletta, York, Seville, Münster, Vienna, Paris, etc. The scientific program of the conference will consist of plenary lectures and contributed papers presented in a single track.

Furthermore, **CAIP 2023** will feature contests and tutorials preceding the main conference event, as well as workshops following the main conference event. **CAIP 2023** will also host a student's paper competition.

CAIP 2021 Proceedings (LNCS series):

Volume 1: https://link.springer.com/book/10.1007/978-3-030-89128-2
Volume 2: https://link.springer.com/book/10.1007/978-3-030-89131-2

Fields of Interest:

The conference invites novel contributions to the automatic analysis of images and patterns, encompassing both new challenging application areas and substantial new theoretical developments in the field.

- 3D Vision
- Biomedical image and pattern analysis
- Biometrics
- Brain – inspired methods
- Computer Vision & Creative Computing
- Deep Learning
- Document analysis
- Egocentric Vision
- Explainable AI for Computer Vision
- Face and gestures
- Feature Extraction
- Generative AI for Visual Content
- Graph-based methods
- High – dimensional topology methods
- Human pose estimation
- Image and Video Forensics
- Image restoration
- Image/video indexing & retrieval
- Keypoint detection
- Machine learning for image and pattern analysis
- Mobile multimedia
- Model-based vision
- Motion and tracking
- Object recognition
- Segmentation
- Self and Semi-supervised learning for CV
- Shape representation and analysis
- Vision for robotics / drones / UAVs

Best Paper Awards

CAIP 2023 will give three paper awards: (1) Best paper award, (2) Best student-paper award, (3) Best poster award. All awarded papers will be invited for a journal special issue.

Committees

Honorary Chair:
Nicolai Petkov
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Zenonas Theodosiou (contests & awards)
CYENS & Cyprus University of Technology, Cyprus

Andreas Panayides (Industry Section)
VIDEOMICS Group Leader, CYENS Centre of Excellence

Contact

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For Local Arrangements, Accommodation and Registration Information: Easy Conferences info@easyconferences.eu

** Following the recent tradition of major conferences in the area, papers that include text generated from a large-scale language model (LLM) such as ChatGPT are prohibited unless the produced text is presented as a part of the paper's experimental analysis

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Important information (left column)

Conference Dates: 25 – 30 September 2023

Main Conference Event: 26 – 29 September 2023

Contests & Tutorials: 25 September 2023

Workshops: 30 September 2023

Important Dates

- Contest proposal submission
  15 February 2023
- Contest acceptance notification
  28 February 2023
- Contest paper submission
  01 April 2023
- Special Sessions proposal submission deadline: **01 March 2023**
- Special Sessions acceptance notification: **15 March 2023**
- Tutorial/ Workshop proposal submission deadline: **01 March 2023**
- Tutorial/ Workshop acceptance notification deadline: **15 March 2023**
- Paper Submission Deadline: **01 April 2023**
- Author notification: **01 June 2023**
- Camera-ready paper due Deadline: **01 July 2023**
- Early bird registration Deadline: **10 August 2023**

Venue: Atlantica Miramare Beach Hotel

Organised and Sponsored by:
Cyprus University of Technology

Co-Organized and Co-Sponsored by:
CYENS CENTRE OF EXCELLENCE
University of Cyprus Biomedical Engineering Research Centre - BERC
KIOS Center for Intelligent Systems & Networks

Technically Co-Sponsored by:
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Endorsed by:
Springer
Lecture Notes in Computer Science LNCS LNAI LNBI

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Call for papers

Visit Conference site at www.cyprusconferences.org/caip2023