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# 29<sup>th</sup>& 30<sup>th</sup> October 2023 Campus of Chetma, University of Biskra, Algeria

- Laboratory of vision and communication systems (VSC), University of Biskra.
- Laboratory of Signals and Systems (LSS), University Abdelhamid Ibn Badis of Mostaganem.
- Laboratory of Expert Systems, Imaging & their Applications (LESIA), University of Biskra.





**Call for Papers** The 8<sup>th</sup> International Conference on "Image and Signal Processing and their Applications"



# Location

The Eighth International Conference on the Image and Signal Processing and their Applications (ISPA'2023) will be organized by the Faculty of Sciences and Technology, University Mohamed Khider of Biskra, Algeria. Biskra is in the south east of the capital Algiers, 420 Km.

## Main conference axes

The ISPA 2023 international conference focuses on image and signal processing and their applications, especially in artificial intelligence. It is an interdisciplinary forum for the presentation of new advances and research results in the fields of computer vision, deep and machine learning, image processing technologies, signal processing, telecommunications and 5G/6G networks, and cyber security.

ISPA 2023 will bring together leading academic scientists, researchers and scholars from around the world in the areas of interest listed above.

Topics of interest for submission include, but are not limited to:

Artificial intelligence, deep and machine learning for image and signal processing, computer vision, pattern recognition, telecommunication, 5G and 6G networks, object recognition and classification, multiple objects tracking and behavior analysis, scene analysis, deep learning for computer vision, and applications in ehealth, medical imaging, intelligence transport systems, embedded vision technologies, embedded systems, robotics...

# **Objective**

After the success of the seven editions ISPA'2009, ISPA'2010, ISPA'2012, ISPA'2015, ISPA'2017, ISPA'2019; and ISPA'2022; the objective of ISPA'2023 is always to provide a convivial space and privileges discussions meetings and exchanges of results, between scientists, researcher, and industrials to present their latest researches on recent topics of Image and Signal Processing and their Applications.

# Topics

- Image processing
- Machine and deep learning
- Signal processing
- Biomedical engineering
- Telecommunications
- Speech processing
- Robotics.
- Applications

## **Instructions for authors**

Prospective authors are invited to submit their papers (4 to 6 pages) in English, in two-columns according to the IEEE format (Refer to <u>"Instructions for authors</u>" section on the conference web site to download the template). Page 1 must hold the title of the paper, the author's name, the affiliation, mailing address, e-mail and abstract with up to five keywords. The double-column simple spaced paper should be submitted in PDF format <u>online</u>. If you have any problems submitting the paper, please contact: ispa.conference2023@univ-biskra.dz.

## Secretariat of the conference ISPA 2022

Department of Electrical Engineering Faculty of Sciences and Technology University Mohamed Khider of Biskra BP 145 Biskra,07000, ALGERIA Tél/Fax: + 213 33 54 32 55 Mobile: +213 (0) 6 58 24 55 78 e-mail: ispa.conference2023@univ-biskra.dz

Web Site : https://www.univ-biskra.dz/ispaconf/









Important Dates Full paper submission deadline 05\* July 2023

Notification of acceptance **15<sup>n</sup> September 2023** Camera-ready paper submission **01<sup>st</sup> October 2023** Confirmation of participation deadline **10th October 2023** Conference attended **29<sup>n</sup>-30<sup>m</sup> October 2023**