



Image Processing and Computer Vision: Algorithms and Applications

Guest Editor:

Dr. Arslan Munir

Department of Electrical
Engineering and Computer
Science, Florida Atlantic
University, Boca Raton, FL 33431,
USA

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Message from the Guest Editor

This Special Issue focuses on algorithms and applications of image processing and computer vision. This Special Issue invites original research articles and reviews that relate to computing, architecture, algorithms, security, and applications of image processing and computer vision. The topics of interest include, but are not limited to, the following:

- Image interpretation;
- Object detection and recognition;
- Spatial artificial intelligence;
- Event detection and activity recognition;
- Image segmentation;
- Video classification and analysis;
- Face and gesture recognition;
- Pose estimation;
- Computational photography;
- Image security ;
- Vision hardware and/or software architectures;
- Image/vision acceleration techniques;
- Monitoring and surveillance;
- Situational awareness





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Editor-in-Chief

Prof. Dr. Raimondo Schettini

Department of Informatics,
Systems and Communication,
University of Milano-Bicocca,
viale Sarca, 336, 20126 Milano,
Italy

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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Contact Us

Journal of Imaging Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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