

Special Issue

Image and Video Processing and Recognition Based on Artificial Intelligence

Message from the Guest Editors

The purpose of this Special Issue is to invite high-quality and state-of-the-art academic papers on challenging issues in the field of AI-based image and video processing and recognition. We solicit original papers of unpublished and completed research that are not currently under review by any other conference, magazine or journal. Topics of interest include but are not limited to the following:

- AI-based image processing, understanding, recognition, compression, and reconstruction;
- AI-based video processing, understanding, recognition, compression, and reconstruction;
- Computer vision based on AI;
- AI-based biometrics;
- AI-based object detection and tracking;
- Approaches that combine AI techniques and conventional methods for image and video processing and recognition;
- Explainable AI (XAI) for image and video processing and recognition;
- Generative adversarial network (GAN)-based image and video processing and recognition;
- Approaches that combine AI techniques and blockchain methods for image and video processing and recognition.

Guest Editors

Prof. Dr. Kang Ryoung Park

Prof. Dr. Sangyoun Lee

Prof. Dr. Euntai Kim

Deadline for manuscript submissions

closed (31 December 2020)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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