



Computer Vision and Pattern Recognition

Guest Editor:

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Message from the Guest Editor

In recent years, computer vision and pattern recognition have received a great deal of attention and on a wide range of topics, in order to extract structures or answers from video and image data, both spatially and temporally. Building mathematical models to data to describe relevant patterns to be localized and recognized.

The intent of this Special Issue is to collect the experiences of leading scientists, but also to serve as an assessment tool for people who are new to the world of computer vision and pattern recognition.

This Special Issue is intended to covering the following topics, but is not limited to them:

Deep learning techniques for object detection and classification

Human behavior analysis

Video surveillance and technologies homeland security

Medical imaging

Nondestructive testing

Visual question answering

Human/computer and human/robot interaction

Robot vision

Assistive computer vision technologies

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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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