Intelligent Imaging

Guest Editor:

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Message from the Guest Editor

This special issue will focus on technological development in intelligent imaging algorithms and systems, in artificial intelligence and machine learning techniques for automatic and machine-assisted image and video analysis, including enhancement, object detection and classification, tracking, and situation assessment. Both model-based approaches and data-driven methods such as neural nets will be considered. The input for the imaging system is a variety of sensors, including traditional systems such as daylight and IR sensors, as well as upcoming sensors such as multi- and hyper-spectral imagers, 3D cameras, and neuromorphic cameras. System aspects such as evaluation and robustness to noisy data and varying conditions are also within scope.

We request contributions presenting both low- and high-level technology (algorithms, methods, tools, ideas) that will contribute to the field of intelligent imaging.

Special Issue

Editor-in-Chief

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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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