

Special Issue

Modern Advances in Image Fusion

Message from the Guest Editors

Image Fusion is an image processing approach that aims at transferring useful information from all input images to a single composite one that is going to be analysed. Over the last two decades, Image Fusion has shown to be a very popular image processing task, attracting many researchers from many different fields, including medical imaging, satellite imaging, High-Dynamic Range (HDR) photography and surveillance imaging. Many modern methodologies have emerged, such as deep learning, parallel computations and compressive sensing, which have changed modern image processing and computer vision. The aim of this Special Issue is to present and highlight the newest trends in Image Fusion. This may include, but is not be limited to:

- Novel Image Fusion methodologies
- Image Fusion based on deep learning
- Multiple-modality Image Fusion

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About the Journal

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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