

Special Issue

The Future of Hyperspectral Imaging

Message from the Guest Editor

Hyperspectral-based techniques (HSI) are pervading many, and increasing, fields of application. The remarkable mix of the information (often represented as “hypercubes”) is at the same time spectroscopic (wavelength axis), structural (three axes), and plus time (a further axis). The structural part represents a range of information that can be within at least six orders of magnitude between micrometers (using HSI methods within microscopes, also of confocal type) and meters, while the usually-available large spectral range can be further functionally increased by adding fluorescence and Raman spectroscopies. Which advancements will be eventually more productive and innovative in this field? We request contributions presenting that will contribute to the future roadmap of HSI, as well as concepts for significantly innovative objectives in HSI techniques. Scientifically founded innovative and speculative research lines are welcome for proposal and evaluation.

Guest Editor

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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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