

# Special Issue

## Towards Deeper Understanding of Image and Video Processing and Analysis

### Message from the Guest Editors

With the rapid growth of multimedia data and the advancement of imaging devices, image and video processing have become essential in various real-world applications such as medical imaging, remote sensing, autonomous driving, and intelligent surveillance. This Special Issue aims to provide a comprehensive platform for recent developments and future trends in image and video processing and analysis, with a particular emphasis on advanced methodologies that enable more efficient, accurate, and interpretable visual understanding.

The focus of this Special Issue includes a broad range of topics, from image and video restoration and enhancement to high-level scene understanding and cross-modal learning, where information from multiple sources or modalities is integrated to enrich visual analysis tasks. In parallel, we seek contributions addressing the development of efficient image processing models that balance computational complexity and performance, making them practical for deployment in resource-constrained environments.

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### Guest Editors

Dr. Zixiang Zhao

Dr. Haotong Qin

Dr. Tao Feng

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### Deadline for manuscript submissions

31 May 2026



## Journal of Imaging

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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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### Editor-in-Chief

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