

Special Issue

Intelligent Computing with Applications in Computer Vision

Message from the Guest Editors

Over the last few years, there has been remarkable growth in the effectiveness and influence of computer vision technologies across a multitude of disciplines including biomedical imaging, industrial automation, and healthcare informatics, among others. However, there are still many significant problems encountered in the research and application of computer vision technology and artificial intelligence. In light of these developments, in this Special Issue, we will compile state-of-the-art research and applied innovations within the realm of computational intelligence, with a particular emphasis on its intersections with image processing and computer vision. Areas of interest include (but are not restricted to) the following: Image processing

Neural networks

Deep learning for efficient detection and segmentation

Deep learning for medical image analysis

Industrial applications of AI

Expert systems integrated with image processing and computer vision

Multi-modal image analysis

Deep learning theory and applications

Supervised/semi-supervised/unsupervised learning

Emerging trends in explainable AI (XAI)

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2026)



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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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