



Recent Trends in Computer Vision with Neural Networks

Guest Editor:

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Message from the Guest Editor

This Special Issue aims to explore the cutting-edge advancements in the field of computer vision, particularly focusing on the innovative applications and developments of neural networks. As computer vision continues to revolutionize various sectors—from healthcare to automotive industries—the role of neural networks in enhancing and evolving this technology is more significant than ever.

We invite contributions that address a range of topics including, but not limited to, machine learning algorithms for image and video analysis, deep learning approaches for pattern recognition, and neural network architectures for real-time image processing. Submissions that demonstrate novel applications of AI in computer vision, or that propose innovative solutions to traditional computer vision challenges using neural networks, are highly encouraged.

This Special Issue seeks to provide a platform for researchers and practitioners from around the world to share their insights, discoveries, and advancements. We welcome original research papers, comprehensive reviews, and case studies that contribute to the body of knowledge in applying neural networks to computer vision.





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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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