

Special Issue

Research on Machine Learning in Computer Vision

Message from the Guest Editors

This Special Issue is dedicated to the exploration of the latest advancements in Machine Learning (ML) as they apply to computer vision. It is well known that the rapid progress and use of ML techniques have significantly enhanced the capabilities of computer vision systems, enabling them to interpret visual data with unprecedented effectiveness. We find particular interest in ML techniques such as meta-learning, reinforcement learning, and unsupervised and semi-supervised learning. We especially welcome contributions that address the challenges encountered in deploying these techniques, such as the demand for large datasets and high computational power, and that discuss and propose potential solutions, with a specific focus on one-shot or few-shot approaches. Moreover, contributions that highlight the impact of these advancements on various application domains, like healthcare, autonomous vehicles, and surveillance, are also welcomed.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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