Artificial Intelligence in Computer Vision: Methods and Applications

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

This Special Issue aims to cover recent advancements in computer vision that involve using artificial intelligence methods, with a particular interest in sensors and sensing. Both original research and review articles are welcome. Typical topics include but are not limited to the following:

- Physical, chemical, biological, and healthcare sensors and sensing techniques with deep learning approaches;
- Localization, mapping, and navigation techniques with artificial intelligence;
- Artificial intelligence-based recognition of objects, scenes, actions, faces, gestures, expressions, and emotions, as well as object relations and interactions;
- 3D imaging and sensing with deep learning schemes;
- Accurate learning with simulation datasets or with a small number of training labels for sensors and sensing;
- Supervised and unsupervised learning for sensors and sensing;
- Broad computer vision methods and applications that involve using deep learning or artificial intelligence.

mdpi.com/si/104822

Special Issue

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Message from the Editor-in-Chief

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