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Artificial Intelligence in Computer Vision and Object Detection

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Deadline for manuscript submissions:
20 September 2024

Message from the Guest Editors

Dear Colleagues,

Artificial Intelligence is an essential tool in many technological systems, conferring them the ability to think as a human would. Some of its most important applications include computer vision systems and object recognition. The former can be understood as systems that allow a scene of the real world to be digitally captured in order to analyze it and extract its information. The latter focuses on finding or locating a specific object in a digital image. Therefore, in an intergrated system, computer vision allows a scene from the real world to be captured and processed, so that the artificial intelligence can then decide how to act; this can be applied in, for example, diagnosis or the detection of objects in engineering, medicine or health sciences.

The aim of this Special Issue is to publish novel scientific articles on the application of artificial intelligence to computer vision or object recognition. It is important to mention that this Special Issue is not limited to any specific artificial intelligence technique or application. Therefore, all original articles and reviews that meet the main objective are welcome.

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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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