

Special Issue

Advances in Internet of Things and Computer Vision, 2nd Edition

Message from the Guest Editors

The combination of IoT and computer vision is an emerging technology known as IoT vision. It utilizes computer vision technology to analyze and process multimedia data, such as images and videos, in IoT devices, thereby improving the efficiency and intelligence of the IoT. Detection and recognition: IoT devices can collect a vast amount of image and video data, and employ computer vision technology to detect and recognize objects, faces, vehicles, etc., to realize intelligent monitoring, security, and other functions. Prediction and optimization: via the analysis and processing of multimedia data in IoT devices, a vast quantity of information and patterns can be obtained to realize the prediction and optimization of production, logistics, the supply chain, and other processes. Intelligent control: IoT devices can perceive and analyze the environment and equipment status via computer vision technology to realize the intelligent control of production processes and energy management. The aim of this Special Issue is to compile recent advances and emerging trends in IoT and CV research, with a focus on exploring the intersection between these two fields.

Guest Editors

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Dr. Xu Yang

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Deadline for manuscript submissions

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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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