Special Issue

Intelligent Detection and Identification System Based on Computer Vision Technology

Message from the Guest Editors

There are increasing uses for computer vision in intelligent detection and identification system, and the applications of those techniques include medical lesion detection, food sorting, vehicle detection and tracking, remote sensing image target detection and analysis, etc. This Special Issue is dedicated to disseminating new theories/approaches, especially those using the existing models, concepts, and architectural designs, in intelligent detection and identification based on computer vision technology. Subjects up for discussion in this Special Issue are not limited to modern methods, technologies, and further handling of target detection and identification, but this Issue will also focus on the verification of their properties in different practical fields.

Keywords:
- target detection and identification
- computer vision
- artificial intelligence, machine learning and deep learning
- learning automata
- detection dataset

Guest Editors

Dr. Liqin Cao

Dr. Xuan Zhang

Prof. Dr. Lifei Wei

Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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