Special Issue

Recent Advances in Computer Vision: Technologies and Applications, 2nd Edition

Message from the Guest Editors

In recent decades, computer vision has achieved great success in many fields. This Special Issue aims to encompass a broad spectrum of topics within computer vision, including image processing, pattern recognition, machine learning, and artificial intelligence techniques applied to visual data analysis. It seeks to showcase innovative methodologies and algorithms for tasks such as image classification, object detection and tracking, semantic segmentation, scene understanding, and beyond. Furthermore, this Special Issue welcomes contributions that explore the integration of computer vision into emerging technologies such as augmented reality, virtual reality, and robotics, as well as its applications in diverse fields such as healthcare, transportation, surveillance, entertainment, and manufacturing. Potential topics include, but are not limited to, the following:

- Image processing, analysis, and understanding;
- Object detection and visual tracking;
- Computer vision and smart cities;
- Industrial machine vision;
- Pattern recognition;
- Object classification.

Guest Editors

Dr. Mingliang Gao

College of Electrical and Electronic Engineering, Shandong University of Technology, Zibo 255049, China

Dr. Guofeng Zou

College of Electrical and Electronic Engineering, Shandong University of Technology, Zibo 255049, China

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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