# Special Issue

## Recent Developments in Object Tracking and Computer Vision

### Message from the Guest Editors

Object tracking and computer vision technologies have become key enablers in a wide range of applications across industries, from autonomous driving, robotics, and intelligent surveillance to healthcare, smart manufacturing, and augmented reality. With the rapid progress in deep learning, edge computing, and multimodal data fusion, the field has achieved remarkable advances in accuracy, robustness, and real-time performance. This Special Issue aims to collect cutting-edge research and innovative solutions addressing a broad spectrum of tasks in object tracking, segmentation, and computer vision. We welcome contributions not only in traditional visual tracking but also in related domains such as human pose estimation and tracking, cell tracking in biomedical imaging, and segmentation tasks in complex industrial and medical applications. Our focus is on novel algorithms, system designs, benchmark datasets, and application-driven research that advance the state of the art in both theory and practice.

### Guest Editors

Dr. Wei Ji

Dr. Shihao Zou

Dr. Pengyu Zhang

### Deadline for manuscript submissions

15 May 2026

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## 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 guest-edited by leading experts in selected topics of interest.

## Editor-in-Chief

Prof. Dr. Flavio Canavero
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