



Visual Object Tracking: Challenges and Applications

Guest Editors:

Prof. Dr. Soon Ki Jung

School of Computer Science and Engineering, Kyungpook National University, Daegu 41566, Republic of Korea

Dr. Sajid Javed

Khalifa University of Science and Technology, Abu Dhabi, United Arab Emirates

Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editors

This Special Issue focus on the most recent advancements and trends in VOT. We invite original research work involving novel techniques, innovative methods, and useful applications that lead to significant advances in VOT. We also welcome reviews and surveys on state-of-the-art methods.

The topics of interest is following but not limited to:

- Detection, identification, recognition, and tracking of objects using various sensors;
- Multiple camera networks or associations for very wide-range surveillance;
- Development of non-visual sensors and their applications to video analysis and tracking;
- Image and video enhancement algorithms to improve the quality of visual sensors for video tracking;
- Computational photography and imaging for advanced object detection and tracking;
- Depth estimation and three-dimensional reconstruction for AR and/or ADAS;
- Learning data representation from video based on supervised/unsupervised/semi-supervised learning;
- Dataset and performance evaluation;
- Person re-identification, vehicle re-identification;
- Human behavior detection, human pose estimation, and tracking.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)