



Visual Object Tracking: Challenges and Applications

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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.





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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.

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