



## Emerging Technologies in Object Detection, Tracking, and Localization

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Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Target detection, tracking, and localization (TDTL) aim to acquire the kinematic state (i.e., position and velocity) or other spatiotemporal characteristics of a single target or multiple targets based on the available sensory observations.

This Special Issue will focus on the latest advances in intelligent TDTL techniques. Its core topics include artificial intelligence, machine learning, and TDTL techniques. Prospective authors are invited to submit their novel and original manuscripts about the theoretical underpinnings and the practical applications of these techniques. Potential topics of interest include, but are not limited to:

- Signal detection, estimation, and filtering;
- Nonparametric analysis of time series;
- Mathematical optimization;
- Advanced signal and information processing;
- Machine learning and neural network approaches for TDTL;
- Networked estimation and filtering;
- Cooperative localization;
- Cooperative tracking;
- Simultaneous localization and target tracking;
- Sensor fusion in navigation systems;
- Bayesian target tracking;
- Interesting applications to TDTL.





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## Editor-in-Chief

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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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