

Special Issue

Information Fusion and Target Tracking

Message from the Guest Editors

This Special Issue covers the entire target tracking pipeline: from single-sensor single-target tracking to multi-sensor multi-target tracking. For this reason, we have conceived this Special Issue, whose purpose is to gather the many researchers operating in the field to contribute to a collective effort in understanding the trends and future questions in the field of information fusion and target tracking. Topics include, but are not limited to, the following:

- Multi-sensor Kalman filtering, multi-sensor particle filtering, multi-sensor multi-scale filtering;
- Multi-sensor multi-target tracking, including centralized and distributed frameworks;
- Extended target tracking and group target tracking;
- Multi-source information fusion based on deep learning;
- Heterogeneous filtering fusion;
- Threat assessment and sensor control;
- Message passing, belief propagation, factor graphs;
- Multi-sensor possibility theory and reasoning methods;
- Integrated detection and tracking;
- Integrated tracking and identification;
- Resource management/allocation;
- Threat assessment and sensor control for target tracking.

Welcome to contribute.

Guest Editors

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Deadline for manuscript submissions

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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

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