

Special Issue

Airborne Distributed Radar Technology

Message from the Guest Editors

Airborne distributed radar is a new radar technology based on multiple radars, which improves the overall detection performance of the radar system through cooperative detection signal synthesis and information fusion. It involves many professional fields such as radar overall engineering, electromagnetic field and microwave, signal and information processing, as well as adaptive data processing and control. Distributed radars can effectively improve the anti-stealth, anti-interference, and survivability of radar systems. At the same time, it can also effectively solve the contradiction between radar powerful detection and high maneuverability, and has a very broad application prospect. Radar is one typical sensor used for sensing. As an airborne application, airborne distributed radar technology can be used for radar imaging, target detection, target tracking, and so on. Topics of interest include, but are not limited to:

- airborne radar
- distributed radar
- radar signal processing
- distributed array processing
- target detection

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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