

Special Issue

Active and Passive Radars on Mobile Platforms

Message from the Guest Editor

Installing a radar on a moving platform creates certain problems but also opens new possibilities. A moving platform can be used as a carrier for both active and passive radar. In the case of active systems, radar has been used on mobile platforms for several decades and the technology is well developed. Nevertheless, it is still an active topic of research. Passive radar on a mobile platform is a much more underdeveloped technology, compared to the ground-based one. For this reason, very high activity can be observed in the recent years in this research topic. This Special Issue, which is accordingly entitled “Active & Passive Radars on Mobile Platforms,” aims to attract researchers to submit their papers in one of the following areas:

- Moving target detection
- Radar imaging (SAR, ISAR)
- Motion compensation
- Clutter attenuation using STAP, DPCA-like methods
- Challenges to radar signal processing specific to different moving platforms: ground, sea, air, space

Guest Editor

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Deadline for manuscript submissions

closed (10 September 2021)



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Message from the Editor-in-Chief

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.

Editor-in-Chief

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