

Special Issue

Multi-Sensor Resilient Fusion Perception, Positioning and Navigation Systems

Message from the Guest Editors

Multi-sensor resilient fusion sensing, positioning, and navigation technology is the core and key technology to realizing the autonomy and intelligence of unmanned systems, and it has broad application prospects in the fields of intelligent robots, unmanned aerial vehicles, automatic driving, intelligent transportation, and deep space and deep earth exploration. It provides theoretical and technical support for the long-term autonomous operation and control of intelligent systems. The purpose of this Special Issue is to compile the latest advancements in sensor fusion research, thereby fostering technological innovation and its practical applications across multiple industries. Special Issue topics include, but are not limited to, the following:

- Resilient Positioning, Navigation and Timing (PNT);
- Intelligent navigation;
- Environmental perception and mapping;
- Multi-Sensor information Resilient fusion;
- Multi-Sensor fusion system autonomous integrity.

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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.

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