

Special Issue

New Trends on Sensor Devices for Space and Defense Applications

Message from the Guest Editors

Worldwide investment in novel technology for defense and space applications is growing. The requirements in terms of high-performance devices working in extreme physical conditions represent a challenging design for the scientific and technical community. Such devices have to be designed ad-hoc depending on the application and the physical working condition. Several applications in space and defense require sensors regarding a wide range of physical domains, ranging from the electromagnetic spectrum (i.e., antennas, optical and gamma ray sensors) to thermal measurement and movement and gravitational waves. The aim of the Special Issue is to present the state-of-the-art of sensor devices for space and defense purposes.

- Antennas;
- Fiber optic;
- Optical devices;
- Hyperspectral sensors;
- Radiation hardened sensors;
- Thermal sensor;
- Movement gyroscope;
- Gravitational wave antenna;
- Remote sensors;
- Physical sensors;
- Cooperative sensors.

Guest Editors

Dr. Pietro Bia

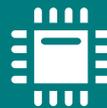
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Deadline for manuscript submissions

closed (31 August 2024)



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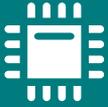


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Message from the Editor-in-Chief

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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