



sensors



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Sensors and Sensor-Based Measurement Systems: Design, Development and Challenges

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Message from the Guest Editors

Dear colleagues,

The sensor market is reaching widespread diffusion, due to the increase in low-cost devices and the number of developed applications. In this context, the development and metrological characterization of sensor-based measurement systems constitute one of the main challenges in the development of applications in real scenarios. There are several aspects to take into consideration, the choice of the type of sensors to be used and their number, the right balance between the sensing performance and the embedded systems used for their management, as well as the reliability of the data coming from the measurement systems themselves. Aim of this Special Issue is to publish high-quality research papers as well as review articles including, but not limited to, design, development, characterization and employment of sensors and sensor-based measurement systems. New application scenarios as well as sensor technology and sensor fusion and measurement issues are also welcome.

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Special Issue



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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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