

Special Issue

Architectures, Protocols and Algorithms of Sensor Networks

Message from the Guest Editors

Sensor network technology provides new sources of information and opens perspectives for innovative applications in industry, smart cities, smart homes, healthcare, environmental monitoring, military, and other domains. The emerging sensor network applications require the development of new dedicated architectures, protocols, and algorithms that ensure reliable network operation for a long time, as well as cost-effective deployment, scalability, and seamless maintenance. Wireless sensor networks require efficient methods for power management. In various applications, the availability of accurate localization algorithms is also a prerequisite for success. Moreover, new solutions are necessary to ensure the usefulness and security of the information collected from sensor nodes.

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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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