

Special Issue

Cooperative Robots and Sensor Networks

Message from the Guest Editor

This Special Issue expects innovative works and surveys to explore new trends, frontiers, and challenges in the field of cooperative robots and sensor networks including new architectures, techniques, and protocols, and well as implementation issues, devices, real-world deployments, and new applications. The topics of interest include, but are not limited to:

- Robot–SN cooperation;
- Robot cooperation;
- Architectures for cooperation;
- Robot–SN communication;
- Distributed computation;
- SN algorithms for cooperation with robots;
- Robot–SN modeling, simulation, and performance;
- Robot control and planning for integration with SNs;
- Robot–SN perception;
- Robot–SN security issues and protocols;
- Robot–SN services and applications;
- Robot–wearable device cooperation;
- Devices and hardware design;
- Testbeds;
- Implementation issues;
- Real-world deployments and lessons learned;
- Applications: data collection, wireless aerial networks, target detection, smart cities, smart environments, smart homes, and monitoring, among many others.

Guest Editor

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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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