

Special Issue

Collaborative Sensing

Message from the Guest Editors

The Special Issue is dedicated to frameworks, architectures, technologies and systems for collaborative sensing, with particular emphasis on ubiquitous and pervasive computing contexts. Topics include, but are not limited to:

- collaborative and participatory sensing in Wireless Sensor Networks and Internet of Things;
- collaborative, decentralized and peer-to-peer protocols and frameworks for sensor discovery, data discovery, data mining and machine learning;
- sensing-as-a-service frameworks, architectures and protocols;
- opportunistic sensing and computing in ubiquitous contexts;
- design and evaluation of incentive mechanisms for participatory sensing;
- energy-conscious and resource-conscious collaborative sensing;
- user-centered personalized participatory sensing tools, interfaces and applications;
- World Wide Web and Semantic Web technologies for collaborative sensing and ubiquitous sensor networks;
- distributed ledger and blockchain technologies for collaborative sensing

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Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



Sensors

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About the Journal

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.

Editor-in-Chief

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