



State-of-the-Art in Sensor and Actuator Networks: Current Status and Future Possibilities

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

This Special Issue solicits novel research papers on the current state-of-the-art and future possibilities of WSN, aiming to provide a comprehensive view of the current status of WSN and set the future direction of WSN research. The topics include but are not limited to:

- System architecture, operating systems, and network hardware for sensor/actuator networks;
- Smart and intelligent sensing and actuation;
- Cloud- or edge-based services;
- Industry 4.0 and embedded wireless sensor/actuator systems;
- Wireless sensor/actuator networks (WSN) for tactile Internet;
- Experimental facilities and test beds for sensor/actuator networks;
- Blockchain technologies and their applications to sensor/actuator networks;
- Internet-of-Things-based WSN;
- Quality of WSN services and experiences;
- WSN and next-generation networks (5G, 6G, etc.);
- Applications of WSN in farming, horticultural, vehicular, and mobile systems; smart cities, manufacturing, health and medical care; environment and wildlife;
- WSN as cyberphysical systems;
- WSN reliability, trust, security, and privacy;
- Software-defined WSN systems and infrastructure;
- Protocols and middleware for sensor/actuator networks.





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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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