Journal of
Sensor and Actuator Networks

an Open Access Journal by MDPI

IMPACT FACTOR 3.3

CITESCORE 7.9

Advances in Vehicular Networks

Guest Editors:

Prof. Dr. Barbara Mavì Masini

Dr. Cristiano M. Silva

Dr. Ali Balador

Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editors

Vehicle-to-anything (V2X) communication is a key asset of the next automation revolution, representing the core of major transformations in society with social, economic, and environmental impacts. Connected vehicles are expected to transform the way we travel and how we live, through the creation of a safe, interoperable wireless communication network among road actors, infrastructure, and objects. Combined with sensor-based technologies, connected vehicles will enhance the performance of automated driving and increase further traffic safety. International consortiums have already agreed on the basic set of applications that need to be implemented to start operating a vehicular network infrastructure at a large scale. Current access technologies, such as IEEE 802.11p or 3GPP LTE-V2X can already succeed in providing challenging new applications, but cannot satisfy all requirements of future applications, since these technologies are designed with the human user in mind; hence, with latency in the order of hundred milliseconds, around 90% of reliability within given ranges, and limited data rates.

Journal of
Sensor and Actuator Networks

IMPACT FACTOR 3.3

CITESCORE 7.9

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lei Shu
1. College of Artificial Intelligence, Nanjing Agricultural University, Nanjing 210031, China
2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Computer Science, Information Systems*) / CiteScore - Q1 (Control and Optimization)

Contact Us

Journal of Sensor and Actuator Networks Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jsan
jsan@mdpi.com
𝕏@JSAN_MDPI