

Special Issue

Reliability Improvements in Sensors Networks

Message from the Guest Editors

Sensor networks are crucial for the functioning of mobile devices and the Internet of Things as data are collected and processed through these networks. Ensuring the robustness of sensor networks is thus crucial. This can be achieved via developing a suitable reliability model and then evaluating the network's performance. We invite high-quality papers focusing on this issue, considering both theory and practice. Submitted papers should not have been previously published nor be under consideration for publication elsewhere. Topics of interest include, but are not limited to:

- Mathematical and statistical methods in reliability;
- Big data modeling;
- Reliability and dependability of sensor networks;
- Reliability modeling and optimization;
- Prediction of reliability for networks;
- Quality measurement of networks;
- Performance evaluation for networks;
- Decision support for networks;
- Networks in smart production, manufacturing, or logistics.

;;

Guest Editors

Prof. Dr. Shey-Huei Sheu

Dr. Cheng-Fu Huang

Dr. Ding-Hsiang Huang

Deadline for manuscript submissions

closed (20 August 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/151275

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)