

Special Issue

Advances in Wireless Body Area Networks: Technologies and Applications

Message from the Guest Editors

Recent advancements in the state-of-the-art technologies in healthcare systems have enabled the development of unobtrusive health monitoring in a cost-effective, interactive, and safe manner. The requirements of such systems include real-time processing, high reliability, fault tolerance, security and privacy, and high quality of service. To meet these requirements and implement advanced healthcare systems, networking technology based on wireless body area networks is essential. Submitted papers should emphasize on the development of new protocols and focus on performance evaluation and comparison with existing standards and practices. Both theoretical and experimental studies on practical applications are encouraged. **Topics of interest include but are not limited to:**

- Network architecture for WBAN;
- Machine learning for WBAN;
- Resource allocation algorithms in WBAN
- WBAN routing and MAC protocols;
- M2M communication protocols;
- Security and privacy;
- Experimental platforms for WBAN;
- Intra-WBAN and inter-WBAN protocol.

Prof. Dr. Ki Il Kim

Guest Editors

Prof. Dr. Ki-II Kim

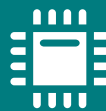
Dr. Shuhui Grace YANG

Dr. Beom-Su Kim

Dr. Babar Shah

Deadline for manuscript submissions

closed (25 November 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

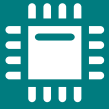


mdpi.com/si/51655

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)