

Special Issue

Wireless Body Area Networks (WBAN)

Message from the Guest Editors

Wireless body area networks have become a popular area of research in the recent past with the availability of wireless wearable IoT devices. The use of wireless body area networks has enriched biomedical data collection in the health, sports, biomedical, security, and healthcare fields. Authors are invited to submit original high-quality papers reporting novel advances in wireless body area networks, including but not limited to the following topics:

- Wearable health monitoring;
- WBAN addressing and routing protocols;
- Energy harvesting for WBAN applications;
- Energy-efficient physical and Mac layer protocols for WBAN;
- Edge computing for WBAN;
- Healthcare applications of WBAN;
- WBAN in patient condition monitoring;
- Accurate motion detection of the human/animal body;
- Privacy and ethical issues related to WBAN;
- Medical application of WBAN;
- Security of data in WBAN;
- New hardware and software architectures for WBAN;
- WBAN in aged care and assisted living;
- WBAN in sports applications;
- WBAN for industrial safety;
- WBAN applications in telemedicine;
- COVID-19-related applications of WBAN.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2024)



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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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