Wireless Body Area Networks (WBAN)

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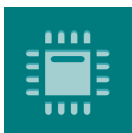
Deadline for manuscript submissions:
31 May 2024

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.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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