



Advances in Wireless Body Area Networks: Technologies and Applications

Guest Editors:

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Deadline for manuscript
submissions:
closed (25 November 2022)

Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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