Wireless Body Area Networks for Health Applications

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Deadline for manuscript submissions:
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Message from the Guest Editors

Advanced solutions for personal health management, including patients' health monitoring and risk prediction systems, rely on new technologies for providing trustable measuring and data communications from the data source to the medical health control centre. WBAN play a key role in this context. The main focus of this SI is personalized medicine: remote monitoring of patients via the adoption of innovative sensors solutions, including implantable sensors, wearable sensors, and sensors and devices for remote diagnosis and for chronic diseases and co-morbidities analysis. Moreover, efficient algorithms for data pre-processing within the sensors, and power optimization strategies and communication mechanisms for the collection of data from sensors (in-body communications) and their transmission to the cloud (out-body communications), are some of main topics of this SI.

All these topics aim to make the healthcare processes more effective, focusing on various theoretical and experimental views on the WBAN applications, technologies and utilizations based on extended versions of best-evaluated papers from Bodynets 2019, as well as quality papers from open call.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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