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Multi-Sensor Fusion in Body Sensor Networks

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Deadline for manuscript
submissions:

closed (30 September 2019)

Message from the Guest Editors

Dear Colleagues,

Multi-sensor data fusion comprises methodologies, algorithms and techniques to capture, from multiple sources, a unified picture of the observed phenomenon. In the context of body sensor networks (BSNs), the objective of sensor data fusion is the integration of multiple, heterogeneous, noisy and error-affected signals to obtain more accurate and comprehensive information on a subject's health and psycho-physiological status.

Multi-sensor data fusion applied to redundant or complementary signals is seen as an effective solution to infer accurate information from such corrupted, noisy, or error-affected signals. Nevertheless, the current evolution trend of BSNs to multi-device, multi-modal sensing systems makes data fusion a complex task that has only recently started to be approached with systematic and reusable methods and technical solutions.

This Special Issue aims to provide a report of recent research results related to methodologies, algorithms and techniques of “Multi-Sensor Fusion in Body Sensor Networks”.



mdpi.com/si/21159

Special Issue



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Message from the Editor-in-Chief

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