



## Sensors and Biomedical Signal Processing for Patient Monitoring

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Deadline for manuscript  
submissions:

**closed (20 April 2022)**

### Message from the Guest Editors

Healthcare deployment will increasingly take advantage of unobtrusive sensing, supported by (ultra)low-power technology, wireless communication, signal processing, and machine learning to expand in the direction of extramural patient monitoring. New sensing solutions are emerging that provide unprecedented possibilities for timely detection of diseases, leading to less invasive intervention and improved patient outcome, paralleled by reduced hospitalization and associated costs. Extramural and especially ambulatory monitoring are hampered by the presence of artifacts and interferences in the recorded signals, which are dominant in everyday-life scenarios. Robust monitoring requires joint development of sensing technology and signal processing algorithms to extract the relevant diagnostic information, also exploiting multimodal and/or multichannel recording for accurate signal interpretation.

Topic of interest include, but are not limited to the following:

patient monitoring

biomedical signal processing

wearable sensors

multimodal sensing

machine learning





*sensors*



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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