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Digital Remote Healthcare Monitoring: Non-invasive Sensor Technology and AI/ML Techniques

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Message from the Guest Editors

With the rising demand and expectation for better patient care, a trend in using remote sensing and self-management to monitor disease has emerged. Enabling this is the development of non-invasive sensors that can be used outside the hospital setting. The concurrent digital transformation of the healthcare system has made feasible the effective use of digital techniques such as Artificial Intelligence (AI) and Machine Learning (ML) for healthcare applications. The integrated use of sensor technology and AI/ML will inevitably lead to more objective healthcare outcomes, an improved patient experience, a lower cost of care, and more effective disease management overall. It is therefore the aim of this Special Issue to bring together research detailing relevant advances in non-invasive sensor technology and integrated sensor-AI/ML techniques to provide a clearer picture of the current and future possibilities in remote patient care. Papers describing novel non-invasive sensor design, development, and deployment using AI/ML techniques are of particular interest.



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Special Issue



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Message from the Editor-in-Chief

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