Special Issue

Wearable Systems for Monitoring Joint Kinematics

Message from the Guest Editors

Wearable systems have gained significant relevance in the biomedical field for monitoring health status and providing clinically relevant objective data. Innovative processes and integrated developments have made possible the application of unobtrusive and non-invasive sensing elements for monitoring joint kinematics. The application horizons of wearable systems are expanding in several directions, as they are of strong interest for real-time/remote monitoring of rehabilitation processes and functional recovery in a wide patient population. Optimized hardware development and improvements in computationally reliable data processing algorithms are crucial. This Special Issue will greatly impact a range of biomedical scenarios, providing new insights into developing and applying wearable systems for monitoring joint kinematics. We strongly encourage authors to submit relevant papers focusing on developing hardware and software components of wearable systems for joint kinematics monitoring, performance evaluation, data processing, and application of wearable systems for monitoring human joints.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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