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Wearable Systems for Monitoring Joint Kinematics

Guest Editors:

Dr. Arianna Carnevale

Traumatology and Sports
Medicine, Fondazione Policlinico
Universitario Campus Bio-
Medico, Via Alvaro del Portillo, 21,
200, 00128 Rome, Italy

Dr. Daniela Lo Presti

Unit of Measurements and
Biomedical Instrumentation,
Department of Engineering,
Università Campus Bio-Medico di
Roma, Via Alvaro del Portillo, 21,
00128 Rome, Italy

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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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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
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