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## Kinetic Analysis of Movement With Wearable Systems

Guest Editor:

**Prof. Dr. Kamiar Aminian**  
School of Engineering, Ecole  
Polytechnique Federale de  
Lausanne (EPFL), CH-1015  
Lausanne, Switzerland

Deadline for manuscript  
submissions:

**closed (20 January 2025)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue deals with wearable measurement systems in which sensors such as IMUs, force and pressure transducers, and other body-worn sensors are used to estimate key kinetic parameters such as force, moment, power, and energy. The focus of this Special Issue goes beyond the controlled conditions of the laboratory and concentrates on activities carried out in the real world.

We invite original contributions discussing kinetic estimation using body-worn sensors with an emphasis on investigating the validity and reliability of proposed systems when deployed outside the laboratory environment. In addition, this Special Issue focuses on measurement systems that are applicable and relevant in the clinical, health, and sports fields. By exploring the potential of wearable technology in the assessment of movement kinetics, this collection aims to bridge the gap between laboratory-based studies and real-world applications, promoting advances in our understanding of human movement.

Prof. Dr. Kamiar Aminian  
*Guest Editor*



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**Special** Issue



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### **Prof. Dr. Vittorio M. N. Passaro**

Department of Electrical and  
Information Engineering,  
Politecnico di Bari, Via Orabona  
4, 70126 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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