

Special Issue

Inertial Sensor Assessment of Human Movement

Message from the Guest Editors

The development of low-cost, commercial MEMS inertial sensors has led to rapid growth in research on the application of these sensors for the assessment of daily human movement, sport and exercise. The incorporation of inertial sensors in smartphones and, more recently, in smartwatches has not only driven research, but it has also broadened their application to detecting a wide range of human movements; for example, they are used in occupational, clinical and rehabilitation settings; movement variability; postural and motor control; and movement entrainment to rhythmic acoustic stimuli. This Special Issue welcomes original research and review papers covering inertial sensing of the full span of human movement.

Guest Editors

Prof. Dr. Elissavet Rousanoglou
Dr. John Buckley
Dr. Alan Godfrey

Deadline for manuscript submissions

closed (25 May 2025)



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Message from the Editor-in-Chief

Biomechanics (ISSN 2673-7078) is an international, peer-reviewed, and open access journal devoted to the fast publication of the latest achievements of scientific research in the area of biomechanics. Both experimental and theoretical papers are published. We hope that the submission guidelines and submission template will assist you in your submission of your research to this journal, and that you will enjoy reading the articles in *Biomechanics*.

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