

Special Issue

Biomechanics and Bionics in Sport and Exercise, Volume II

Message from the Guest Editor

Advanced biomechanical experimental and computational bionics have become essential to developing a better understanding of the mechanisms involved in human sport and exercise. Recent advances in body morphology, training loads, the technique and tactics of movement, understanding the influence of the environment, and the interactions between sportspeople and equipment and facilities have made major contributions to sports science. The second edition of this Special Issue on “[Biomechanics and Bionics in Sport and Exercise](#)”, therefore, will focus on original research papers and comprehensive reviews, dealing with cutting-edge experimental and computational methodologies for multiscale biomechanical investigations into human activity. Topics of interest for this Special Issue include, but are not limited to, the following areas:

- Advanced experimental techniques for sports;
- Biomechanical characteristics of movement sequences in high-performance sport;
- Application of bionics for the equipment development;
- Biomechanical diagnostics in rehabilitation, and effects of force on the musculoskeletal system;
- The health aspects of biomechanics in sport;

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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Editor-in-Chief

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