

## Special Issue

# Biomechanics and Sport Engineering: Latest Advances and Prospects

### Message from the Guest Editors

The cooperation between engineering and sport in research activities has grown and is a firm reality. This connection has allowed for studies to be conducted and innovative products to be developed that actively improve the performance of professional and amateur athletes. Helping to prevent injuries, which can inhibit sports practice during leisure or competition, is a challenge faced by athletes and coaches. Both coaches and athletes can benefit from the knowledge that studies in biomechanics can impart to them.

Biomechanics can help improve athletes' performance, helping to define training methodologies to optimise athletes' performance and reduce or even prevent injuries. This Special Issue aims to present the latest advances in biomechanics and sports engineering concerning the understanding of the mechanisms underlying athletes' responses during training, performance improvement, and occurrence of injuries, as well as providing information on the design of equipment and devices used by athletes and coaches. Original research studies and systematic reviews are welcome to this Special Issue.

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### Guest Editors

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### Deadline for manuscript submissions

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## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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