Special Issue

Research on Biomechanics, Motor Control and Learning of Human Movements

Message from the Guest Editor

The confluence of biomechanics, motor control and learning within the study of human movement presents a synergistic approach to exploring methodologies designed for measuring and analyzing human body movements as intricate mechanical systems. It amalgamates contemporary scientific and technological advancements with the foundational knowledge of kinesiology to facilitate the assessment, comprehension, and the enhancement of various complicated human motor skills. The primary objective of this Special Issue is to provide an up-to-date exposition of the latest developments in the fields of biomechanics, motor control and learning, and the acquisition of knowledge regarding human movements. Novel analytical techniques and methodologies; Unlock the secrets of human movement; Advancements in 3D kinematics and kinetics; Real-time biomechanical feedback training; The integration of biomechanics into motor learning within coaching practice; In short, this Special Issue aims to contribute to the ongoing evolution of human movement science and provide valuable insights for researchers and practitioners in the field.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
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