

Special Issue

Technologies in Sports and Physical Activity

Message from the Guest Editors

The measurement process in physical activity and sports relies heavily on precise instruments capable of evaluating kinetic, kinematic, and physiological variables, among others. Ensuring the validity and reliability of these instruments is paramount, as new technological devices emerge annually, aiming to produce meaningful, consistent, and accurate outcomes. The common denominator across these topics in sports performance is the attainment of sporting success. Sports performance analysis involves extracting valid, accurate, and reliable data to provide relevant feedback to coaches, players, and other stakeholders invested in the pursuit of excellence. This Special Issue seeks to gather practical papers that establish new advancements in the integration of technology in the study of physical activity and sport. Contributions should highlight innovative applications, methodological advancements, and the impact of technology on enhancing training efficiency, injury prevention, and overall sports performance.

Guest Editors

Prof. Dr. Jose Manuel Jimenez-Olmedo

Physical Education and Sport Area, Faculty of Education, University of Alicante, Alicante, Spain

Dr. Lamberto Villalón Gasch

Departamento de Didáctica General y Didácticas Específicas, University of Alicante, Alicante, Spain

Deadline for manuscript submissions

20 February 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/213249

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)