

Special Issue

Sensors and Artificial Intelligence for Analyzing Human Behavior in Sports and Physical Activity

Message from the Guest Editors

The rapid development of motion sensors now allows the collection of data out of the laboratory during training but also during competitive events. Although the data availability and/or data accuracy may be lower compared to a laboratory-based analysis, the possibility to collect data live in the performance context appears key to obtaining relevant insights into the activity of the performers. As such, the benefits of an in situ analysis of the performers is the result of a constant balance between the raw data that can be captured in situ, the accuracy and reliability of those data, and the possible analysis to be performed to really access insights into the performance. On the other hand, advancements in computer vision and body pose estimation also today allow the collection of positional and kinematics data on every player without the need to wear sensors. We welcome the submission of basic and applied research studies, tutorials, reviews, and position papers that address the use of motion sensors in physical activity and sports sciences. For more information, please visit: mdpi.com/si/F8S12

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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