

Special Issue

Sports Sensors for Athlete Motion Tracking and Physiological Monitoring: Second Edition

Message from the Guest Editors

We are pleased to announce the second edition of this Special Issue. You can view the original Special Issue at https://www.mdpi.com/journal/sensors/special_issues/NT99M9CZL6. Monitoring athlete performance and health has become increasingly important in competitive sports. Advances in sensor technologies over recent decades have enabled the more precise and comprehensive tracking of both internal and external metrics during training and competition. This Special Issue provides a timely overview of state-of-the-art sensing capabilities for sporting applications and an analysis of the data such systems generate. Potential topics include but are not limited to:

- Sport training;
- GPS tracking systems;
- Radio frequency-based position trackers;
- Athlete monitoring;
- Athlete motion tracking;
- Laser distance trackers;
- Inertial measurement unit;
- Video analysis;
- Wearable devices;
- Physical and physiological analysis.

Guest Editors

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Deadline for manuscript submissions

closed (25 May 2026)



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Message from the Editor-in-Chief

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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