Special Issue

Advances and Application of Human Movement Sensors

Message from the Guest Editor

The need or desire to measure of human movement is relevant across a wide range of fields, from healthcare to movie animation. The most common approach to measuring human movement is optical motion tracking, which usually requires an array of cameras mounted rigidly within a controlled laboratory environment, which are utilized to capture the three-dimensional movement of markers or fixtures adhered to the body's segments. Although this approach produces accurate results and is currently the gold standard in most fields, the artificial laboratory conditions can cause unknown experimental artifacts and biases. Therefore, this Special Issue focuses on recent advancements in sensing technologies that have made it possible to accurately and reliably measure human movement outside of the laboratory setting and the resulting applications. I invite the community, across a broad range of fields and applications, to submit ground-breaking papers that will forge the future of human movement monitoring.

Guest Editor

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Deadline for manuscript submissions

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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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