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Advances and Application of Human Movement Sensors

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Deadline for manuscript
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Message from the Guest Editor

Dear Colleagues,

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 groundbreaking papers that will forge the future of human movement monitoring.

Dr. Kevin Bell

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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