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## Optical Sensors for the Measurement of Human Posture and Movement

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Deadline for manuscript submissions:

**closed (31 July 2022)**

### Message from the Guest Editor

Dear Colleagues,

Recent developments have led to widespread research in the field of optical sensors for measurement of human posture and movement. Such sensors use visible (VIS), near-infrared (NIR) light, or multimodal approaches in a variety of applications to support many medical use cases (posture, surgery, prescreening, etc.), biometrics, computer modeling, and graphics. Unresolved challenges are connected with making highly accurate and fast measurements, the development of multiview approaches, calibration of complex systems, and the maturity of optical sensors in practical conditions, to name a few. The goal of this Special Issue is to invite high-quality, state-of-the-art research papers that deal with challenging issues in optical sensors for measurement of human posture and movement. Topics of interest include, but are not limited to, the following:

- Development of new sensors for measurement of human posture and/or movement;
- Development of methods and algorithms for human posture assessment and/or monitoring;
- Applications of optical sensors for human posture estimation in various applications.

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**Special** Issue



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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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