

Special Issue

Wearable Inertial Sensors

Message from the Guest Editor

Wearable inertial sensors, including accelerometers, gyroscopes, and magnetometers, have developed considerably during the last decade. Through the progress of performance, miniaturization, and drop in costs, wearable inertial sensors have been integrated in several products of daily life, such as smartphones and smart watches. This Special Issue aims to collect new developments and research results in the broad field of wearable inertial sensors. The topics for this Special Issue include but are not limited to: Basic Technologies for wearable inertial sensors:

- Accelerometers
- Gyroscopes
- Magnetometers
- Sensor networks
- Sensor fusion
- Signal processing algorithms including artificial intelligence

Applications:

- Motion analysis and biomechanics
- Health monitoring
- Navigation and tracking
- Biofeedback
- Human machine interfaces
- New and unconventional applications of wearable inertial sensors

Guest Editor

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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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