Special Issue

Advances in Sensor Technologies for Wearable Applications

Message from the Guest Editors

Wearable technologies represent a hugely exciting area of research, promising a sea change in health monitoring, personal fitness, performance, rehabilitation, and safety. At the heart of the wearable revolution are advances in sensor technologies that enable natural interfacing with human activity while capturing detailed biomechanical data. This Special Issue solicits and celebrates advances in sensor technologies that facilitate innovation in the field of wearable applications. Contributions are encouraged in the fields of self-sensing fabrics and foams, flexible strain sensors and arrays, advances in accelerometer and IMU-based systems, and other sensor technologies for tracking human performance or actuating companion technologies based on human movement.

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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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