

Special Issue

Smartphone Sensors and Their Applications

Message from the Guest Editors

Smartphones incorporate a variety of sensors that can appreciably enhance their capabilities and become very useful tools beyond their basic functions for making phone calls, surfing the internet, or texting. For instance, they can bear barometers, accelerometers, luxmeters, pressure sensors, and gaussmeters, among others, which can be used to make measurements with a good level of precision. Even when we may not be aware of it, many mobile applications, like pedometers, video games, code scanners, or compasses, use data collected by sensors. The number of applications of smartphone sensors has increased over the years and spans many areas of science and technology. We kindly invite researchers and professionals from different disciplines to contribute to this Special Issue with their recent works on smartphone sensors. Contributions in areas (but not limited to) such as education, healthcare, well-being, disease diagnosis, environmental sciences, and elderly care are especially welcome. We also encourage publications on cost-effective, low-cost, and highly innovative smartphone sensors, with a focus on their utility for a broad public.

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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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