

Special Issue

Sensor Networks: Physical and Social Sensing in the IoT

Message from the Guest Editors

Advances made in the Internet of Things and other disruptive technological trends such as Big Data analytics and edge computing are contributing enabling solutions to the numerous challenges affecting modern communities. With Gartner reporting 14.2 billion devices in 2019 and, according to some reports, a projected 75 billion IoT devices that will be deployed by 2025 in areas like environment monitoring, smart agriculture, smart healthcare or smart cities, one could think that most issues are already resolved. However, there remain practical challenges in large-scale and rapid deployment of sensors for diverse applications. The deluge of data sources that drive the IoT phenomenon grows every day with the rise of smartphone-enabled citizen sensing data on social networks and personal health devices, as well as with increasing connectedness, be it in the transport, logistics, utilities, or manufacturing domains, this range and complexity of the available data calls for even more advanced data processing, mining and fusion methods than those already applied.

For more information, please click: mdpi.com/si/48790.

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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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