Special Issue

Sensor Fusion and Signal Processing

Message from the Guest Editor

Generally speaking, sensor fusion techniques combine data and knowledge from multiple sources of information to achieve better (less expensive, more accurate, etc.) inferences than those that would be deduced from an individual sensor. Signal processing algorithms for preprocessing sensor data are then needed, together with precise mathematical models (to describe the relation between the sensor outputs and the quantity of interest) and efficient fusion algorithms (to combine the information from the individual sensors). In recent decades, sensor fusion has become an interesting and multidisciplinary topic with applications in several fields, since any task involving estimation problems from multiple sources of information can benefit from the use of sensor fusion methodologies. For more information, please visit: mdpi.com/si/47240

Guest Editor

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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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