

Topical Collection

Industrial Applications of Smart Sensors and Smart Data in Cyber-Physical Systems

Message from the Collection Editors

Sensors and their data are the basis of most recent trends in the field of Cyber-Physical Systems (CPS) and the Internet of Things (IoT): artificial intelligence algorithms use sensor data, e.g. generated by process-embedded sensors, for industrial applications such as predictive maintenance or optimization. Assistance systems and robotics rely on sensors to interact with changing environments and sensors systems become more and more a platform for edge computing and for semantically annotated smart data. This special issue addresses the methodological and technical building blocks of these trends. For detailed information, please visit [here](#). *Prof. Dr. Oliver Niggemann*

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Sensors

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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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