

## Special Issue

# Sensor Applications in Industrial Automation

### Message from the Guest Editors

In the era of the Fourth Industrial Revolution, sensing plays a crucial role in Industrial Automation by interfacing digital and physical worlds. Sensory systems allow reading a plethora of relevant physical parameters and variables that are then used, at the digital upper layers, for multiple objectives, including control and monitoring of physical processes, maintenance and failure prediction, resource management and process optimization. Developing effective sensing systems in the dawn of Fourth Industrial Revolution is especially challenging. Sensing devices must meet classic and inherent metrological requirements, being able to carry out accurate measurements, sometimes in harsh environments and conditions. This Special Issue aims to highlight the latest research results and advances on technologies for sensor applications in Industrial Automation; therefore, we welcome the submission of original papers presenting significant advances with respect to the state of the art, featuring a solid theoretical development and practical relevance. Topics of interest falling under the scope of Smart Factories. For more information, please visit: [mdpi.com/si/39658](https://mdpi.com/si/39658).

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### Deadline for manuscript submissions

closed (30 June 2022)



## Sensors

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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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