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Sensors and Sensing Technology for Industry 4.0

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Message from the Collection Editors

The year 2021 is the 10th anniversary of the coining of the term “Industry 4.0”. For the past decade, Industry 4.0 has been addressed as one of the megatrends in production/manufacturing, and in other fields of industry. Although certain industrial sectors benefit from it more than others, the crucial impact of Industry 4.0 on the global economy is undisputed. This is especially true since companies have been able to collect and analyze unprecedented quantities of data, owing to the use of sensors (particularly smart sensors), monitoring instrumentation, accompanying devices and equipment (e.g., microprocessors or communication units), which make it possible to convert measurements into a readable signal simply by means of sensing technology.

The Guest Editor invites researchers and industry representatives in the global communities of IT, transportation, logistics, and production to contribute original research papers, review articles, and empirical studies to stimulate the debate within the scope of examinations on the application of sensors and sensing technologies, robotics, and automation, addressed in the keywords below.



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Topical Collection



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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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