

Special Issue

Virtual Sensors for Industry 4.0 Era

Message from the Guest Editors

The objective of this Special Issue is to highlight the different possibilities offered by Industry 4.0, such as Digital Twin or industrial Big Data to define virtual sensors that allow parameters of industrial lines to be measured, either to be able to carry out predictive maintenance, the quality of parts, etc., which would otherwise be too expensive due to the need to install a large number of sensors, or simply because there are no sensors to measure such parameters. Topics of interest include, but are not limited to:

- virtual sensors
- Industry 4.0
- Industrial Big Data
- Digital Twin
- Hybrid Twin
- predictive maintenance
- quality inspection

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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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