

Special Issue

Recent Advances in Data-Driven Virtual Sensing Technology for Smart Industries

Message from the Guest Editors

With the rising trends in digitalization, enormous amounts of data are being generated in modern industries. The availability and increasing quantity of data have attracted great attention of researchers in the industrial artificial intelligence. Data-driven virtual sensing or soft sensing technologies aim to use artificial intelligence methodologies in predicting KPIs or quality variables that cannot be automatically measured in general, or can only be measured sporadically with high delays or at a high cost. The topics of interest for this Special Issue include, but are not limited to:

- Data-driven virtual sensors based on big data analytics;
- Data-driven virtual sensors based on statistical machine learning;
- Data-driven virtual sensors based on deep learning;
- Data-driven virtual sensors based on transfer learning;
- Data knowledge integration-driven virtual sensors;
- New theories and architectures for data-driven virtual sensors.

Please contact the or the Assistant Editor at (ava.jiang@mdpi.com) for any queries. Please visit the website for more information.
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Guest Editors

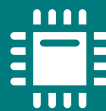
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Deadline for manuscript submissions

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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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