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Intelligent Sensing and Monitoring for Industrial Process

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Message from the Guest Editors

Dear Colleagues,

Intelligent sensing and monitoring plug intelligent wings into the traditional industries. They provide key data feedback for production quality monitoring and operational controls of the industrial process, which is crucial for efficient control, energy saving and emission reduction of the production process. The intelligent sensing and smart algorithms have potential advantages in breaking through the limitations of conventional detection methods, overcoming the challenges of strong interference in the complicated industrial processes, accurately extracting key features, and intelligently analyzing industrial information.

The purposes of the Special Issue are to collect contributions in the methodologies and systems of spectral analysis, laser-based measurement, visual-based inspection, and so on, to serve as a forum for researchers and to promote the developments of automatic inspection of product quality and intelligent control of industrial processes.



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Special Issue



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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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