



Intelligent Sensing for Sustainable Production Industries

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Message from the Guest Editors

Dear Colleagues,

Over the last decade, there have been significant advances in intelligent sensing technologies, which are having a major impact on the ability of many production industries to accurately monitor and control processes to improve efficiency, reduce waste and environmental impact, improve product quality, and develop new products to improve the quality of life of citizens. Intelligent sensors utilize advanced signal processing, sensor fusion, mathematical models, and learning algorithms to gain a better understanding of industrial processes and products and the factors that affect them. Intelligent sensing technologies can allow powerful information to be quickly and easily extracted from sensors such as low-cost vision devices and sensors with highly complex responses such as spectroscopic methods which are difficult for human interpretation...





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