



sensors



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Sensors for Fault Diagnosis and Fault Tolerance

Guest Editors:

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Prof. Dr. Martin Riera-Guasp

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closed (20 February 2019)

Message from the Guest Editors

Dear Colleagues,

Automation of industrial processes (smart factories, collaborative robots, Industry 4.0) and everyday life (smart buildings, automated driving) play an increasing role in the advancement of modern societies. Due to the complexity of automated installations, the prevention of safety hazards and huge production losses require the detection and identification of any kind of fault, as early as possible, and to minimize their impacts by implementing real-time fault detection (FD) and fault-tolerant (FT) operations systems. Therefore, FD and FT technologies have attracted an increasing amount of research and industrial attention in recent years. Modern FD and FT schemas demand high-volume, high-quality information from multiple types of sensor data, but sensors are also subject to failure, which must be included in the diagnostic systems...

For further information, please visit http://www.mdpi.com/journal/sensors/special_issues/sensors_fault_diagnosis_fault_tolerance.

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Special Issue



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Message from the Editor-in-Chief

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