Special Issue

Advanced Instrumentation for Power Converter Applications

Message from the Guest Editors

Improvements in instrumentation can be submitted but not limited to in the following areas:

- Instrumentation supporting new control techniques, which includes, for example, data acquisition and signal processing at analog/digital side;
- Instrumentation to support diagnosis services on power electronics devices;
- Instrumentation to support reconfiguration of power converter units in order to minimize downtime in case of failure and maximize power generation;
- Sensing based on digital signal processing techniques;
- Alternative sensing techniques that can improve switching trajectory in most recent power devices, such as silicon carbide (SiC) Mosfet and gallium nitride (GaN) FET.

Guest Editors

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Dr. Radu Godina

Deadline for manuscript submissions

closed (31 January 2021)

Journal of Sensor and Actuator Networks

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 9.4

mdpi.com/si/29090

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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

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