

Special Issue

Sensors for Measurements and Diagnostic in Electrical Power Systems

Message from the Guest Editor

The spread of sensors among power networks is drawing attention to their features, performance, accuracy, etc. It is crucial to understand how sensors can be affected by the actual conditions of the grid and by the electrical and environmental quantities. In addition, new sensors should be developed, tested, and characterized in order to answer control, monitoring, predictive maintenance, and fault location requirements. Toward this purpose, the focus of this Special Issue is not limited to electric sensors but is extended to all sensors that contribute to the correct operation of the grid (gas detection, humidity, temperature, electromagnetic field, etc.).

- Voltage and current sensors;
- Environmental sensors;
- Design, development, and characterization of sensors;
- Sensors accuracy;
- Sensors and power quality;
- Innovative sensors;
- Predictive maintenance;
- Fault location.

Guest Editor

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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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