Special Issue

IoT for Smart Grids: Challenges, Opportunities and Trends

Message from the Guest Editors

The topics of interest for this Special Issue include, but are not limited to:

- False data injection attack and detection in smart grid IoT;
- Data analytics in smart grid IoT;
- Fog/edge/cloud-based service solutions for smart grid IoT;
- Machine learning and deep learning for resilient and efficient smart grid IoT;
- Security threats and vulnerability detection in smart grid IoT;
- Energy theft detection in modern smart grid IoT;
- Energy efficient deployments for smart grid IoT;
- Data-driven framework for energy theft detection in distributed renewable energy resources (DRES) using smart grid IoT;
- Big data analytics in smart grid IoT;
- Intrusion detection in smart grid IoT;
- Privacy and security issues in AI applications in smart grid IoT.

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Deadline for manuscript submissions

closed (15 October 2021)

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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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