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## IoT for Smart Grids: Challenges, Opportunities and Trends

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**Dr. Islam Safak Bayram**

**Dr. Sukhpal Singh Gill**

Deadline for manuscript  
submissions:

**closed (15 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

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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Dr Muhammad Ismail

Dr Islam Safak Bayram

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*Guest Editors*



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**Special** Issue



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## Message from the Editor-in-Chief

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