



## IoT Systems for Energy Applications

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### Message from the Guest Editors

Dear colleagues,

Bringing ever more intelligence to the operational fields, Internet-of-Things (IoT) systems promise to significantly improve the processes of energy generation, distribution, and utilization.

IoT supports real-time monitoring, situational awareness and intelligence, control, and cyber security, which can make the energy eco-system more effective, efficient, secure, reliable, resilient. Insights from data collected from field devices could be used to develop new services, improve real-time decision-making, solve critical problems, reduce wastage, early detect maintenance issues, enhance energy access also by poorer people.

Achieving these targets requires developing complex hardware/software systems, spanning from the edge to the cloud, in a variety of application domains and dealing with issues such as scalability, interoperability, safety, security, consumption, pollution.

The goal of this Special Issue is to present and discuss IoT-based solutions that advance the technological state of the art of energy-related applications.





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## Message from the Editor-in-Chief

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