Special Issue

Energy Efficiency in IoT and Wireless Sensor Networks

Message from the Guest Editor

Recent advancements in integrated circuit technology have led to the ubiquitous deployment of new low-cost, tiny sensors and actuators in Internet of Things (IoT) applications like smart homes, smart cities, healthcare, wearables, transportation, security, surveillance, critical infrastructure security, and food safety. To handle the limited onboard energy resources and enable the perpetual network operation of IoT and wireless sensor networks (WSNs), these sensor nodes need to employ energy-efficient communication protocols, and it is necessary to develop optimal energy management policies as well as energy-aware self-organization mechanisms. This Special Issue aims to bring together the recent developments and original contributions related to Energy Efficiency in IoT and WSNs.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/157980

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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