Smart Energy Management in IoT Device Systems

Message from the Guest Editors

The ongoing scientific revolution in the field of IoT is affecting and integrating various types of networks, systems, and devices, leading to the need for the coordination of energy generation, energy distribution, the operation of energy systems, and IoT systems, as well as separate devices, as a single bundle. This requires the study of aspects of energy efficiency in IoT, especially with respect to planning energy-efficient algorithms, structure designs, and promising techniques for real-world applications that will improve energy efficiency at various scales, ranging from separate devices to large systems. Therefore, this Special Issue is focused on studies presenting new ideas, advanced theories, and experimental results in the field of the energy-efficient operation of modern IoT systems.

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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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