Special Issue

Energy-Efficient Computing and Communication

Message from the Guest Editor

The goal of this Special Issue is to disseminate the recent advances in energy-efficient communications and computing systems. Review and survey papers on these topics are also welcome. Potential topics include, but are not limited to, the following:

- energy-efficient communications: from physical layer to application layer;
- energy-efficient computing systems;
- energy-efficient network architecture: through SDN/NFV/network slicing;
- energy-efficient system design;
- energy-efficient Internet of Things (IoT) and Industrial IoT (IIoT);
- energy-efficient edge/fog/cloud computing;
- new approaches for energy-efficient computing and communications (e.g., AI/ML and data-driven approaches);
- new performance metrics on energy efficiency in emerging systems;
- energy harvesting and simultaneous wireless information and power transfer (SWIPT);
- Smart Grid and Vehicle-to-Grid (V2G);
- standardization and open source activities for energy efficient systems.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2020)

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About the Journal

Message from the Editor-in-Chief

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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