Special Issue

Electrical Engineering for Sustainable and Renewable Energy II

Message from the Guest Editor

This Special Issue of Energies focuses on the electrical power engineering aspects of sustainable and renewable energy in the frame of the energy transition. Contributions on the following topics, among others, are invited:

- Renewable energy production: wind, solar, wave, tidal energy, etc. The focus lies on electrical power conversions, control, and grid connection in these systems;
- Integration of renewable power generation in power systems: concepts, design, operation, and control of (future) power systems, use of storage devices, demand-side response, flexibility, etc.;
- Electrical energy efficiency in industry, buildings, transmission and distribution, etc.;
- Electrification and its role in decarbonized energy systems;
- Stability and (frequency) control of power systems with a large share of power electronically connected (production) units (and thus low directly connected inertia).

Guest Editor

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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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