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Electrical Engineering for Sustainable and Renewable Energy

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Energies* focuses on the electrical engineering aspects of sustainable and renewable energies in the frame of energy transition.

Contributions on the following topics, among others, are invited:

- Renewable energy production: Wind, solar, wave, tidal energy, etc. The focus lies on electric power conversions and control (e.g., maximum power point tracking) 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 (for balancing renewables), etc.;
- Electrical energy efficiency in industry, buildings, transmission and distribution, etc.;
- Electrification and its role in decarbonized energy systems.

Prof. Dr. Lieven Vandeveld
Guest Editor



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Special Issue



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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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