Special Issue

Challenges and Research Trends of Telecommunication and Electrical Engineering

Message from the Guest Editor

In recent years, deep learning has emerged as a novel class of machine learning algorithms that represent electrical systems data via a large hypothesis space that leads to state-of-the-art performance. Deep learning techniques are especially useful for analyzing complex, rich, and multidimensional signals. Based on these considerations, this Special Issue will focus on the modeling and analysis of electrical power systems, telecommunication systems, renewable energy, electrical vehicles, smart grids, energy and environment, and signal estimation. Keywords

- signal processing
- telecommunication engineering
- renewable energy
- power electronics
- robotics
- smart grids
- deep learning
- unmanned vehicles
- power systems
- signal detection and estimation
- energy and environment
- energy sources

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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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