Special Issue

Application of Intelligent Techniques in Power System Stability, Control and Protection

Message from the Guest Editors

This Special Issue aims to collate experimental/numerical/simulation-based investigations with novel solutions as well as review papers with state-of-the-art findings that can deliver significant contributions to the power system research community. The emphasis is on advanced design and modelling studies for handling the challenges of current power networks. Although this Special Issue is open to all contributions related to the application of AI in power systems, potential focus areas are summarized as follows:

- Smart energy system;
- Power system stability;
- Microgrids;
- Distribution automation and control;
- HVDC and FACTS control;
- Static security assessment;
- Application of intelligent techniques in protection;
- Computational intelligence techniques;
- Grid integration of electric vehicles and control;
- Grid operation and management with RE;
- Peer-to-peer energy management;
- Advancement in machine learning.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)

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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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