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

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Message from the Guest Editors

Dear Colleagues,

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.

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Special Issue

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Message from the Editor-in-Chief

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