



Analysis, Modelling and Simulation in Electrical Power Systems

Guest Editor:

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Message from the Guest Editor

With the continuous development and advancement of electrical power systems, there is a growing demand for the analysis, modelling, and simulation of these systems. These efforts are crucial for optimizing system operation and improving the reliability, safety, and efficiency of electrical power systems. The aim is to explore the latest research findings, technological innovations, and practical experiences in the field of electrical power systems, providing a platform for exchange, learning, and collaboration for both the academic and engineering communities.

Potential topics include, but are not limited to, the following:

- Methods and techniques for power system analysis;
- Power system modelling and simulation tools;
- Modelling of smart grids and microgrids;
- Integration of renewable energy and power system simulation;
- Power system stability and control;
- Fault diagnosis and recovery in power systems;
- Power markets and energy management systems;
- Data analysis and big data applications in power systems;
- Security and protection techniques for power systems;
- Other topics related to analysis, modelling, and simulation in electrical power systems.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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