Special Issue

Disturbance Monitoring, Identification and Stability Control of Power Systems

Message from the Guest Editors

Power systems have evolved over the past few decades. However, extreme operational conditions and disturbances have constantly challenged power system operations. Furthermore, the complexity of the current grid is growing, along with the number of consumers and renewable energy resources. The need for power system disturbance monitoring, identification and stability control has become more and more significant for future research. To protect the system's stability and electrical generation, researchers have made many efforts, but these systems still suffer from unresolved, challenging technical issues and emerging phenomena and problems. In this Special Issue, we aim to collect research on advances in power systems, with topics including, but not limited to:

- Power systems;
- Smart grids;
- Power system monitoring;
- Disturbance identification;
- Power control;
- Electrical power;
- Energy systems;
- Power system security;
- Stability assessment;
- Numerical simulation.

Guest Editors

Prof. Dr. Hengxu Zhang

Key Laboratory of Power System Intelligent Dispatch and Control of the Ministry of Education, Shandong University, Jinan 250061, China

Prof. Dr. Huanhai Xin

College of Electrical Engineering, Zhejiang University, Hangzhou 310058, China

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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