Special Issue

Analysis and Control of Power System Stability

Message from the Guest Editors

This issue will serve as a platform for researchers to present state-of-the-art solutions addressing various aspects of power system stability, including, but not restricted to, rotor angle stability, voltage stability, and frequency stability. We particularly encourage submissions that address the interdisciplinary nature of this topic, combining perspectives from power engineering, control systems, machine learning, and optimization. Topics of interest:

- Integration of renewables and DERs: impact of high renewable energy penetration on system stability.
- Advanced monitoring and control strategies: wide-area measurement systems (WAMSs) and wide-area control.
- Emerging trends and technologies: the use of AI and big data analytics in stability assessment, and data-driven and machine learning approaches for stability analysis.

Guest Editors

Dr. Jinpeng Guo

Dr. Mingshen Li

Dr. Xiaoting Wang

Deadline for manuscript submissions

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

mdpi.com/journal/energies

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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