

Special Issue

Advances in Enhancing Energy and Power System Stability and Control, 2nd Edition

Message from the Guest Editors

The Special Issue welcomes original articles that may focus on (but are not limited to) the following:

- Modeling analysis of energy and power system security assessment and control;
- Transient stability analysis of energy and power systems;
- Frequency stability analysis of energy and power systems;
- Voltage stability analysis of energy and power systems;
- Small-signal stability analysis of energy and power systems;
- Subsynchronous torsional oscillation analysis of energy and power systems;
- Resilience assessment of energy and power systems;
- Data-driven technology-based energy and power system security assessment and control;
- AI-based energy and power system stability analysis;
- Control and protection strategies for power electronic-based energy and power systems;
- Risk assessment and management of energy and power systems against extreme events;
- Stability-constrained optimal planning and operation of energy and power systems.



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

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Guest Editors

Dr. Libao Shi

Shenzhen International Graduate School, Tsinghua University,
Shenzhen 518055, China

Dr. Ren Wang

Department of Electrical and Computer Engineering, Illinois Institute of
Technology, Chicago, IL 60616, USA

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closed (15 April 2025)





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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

