

## 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.

### Guest Editors

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### Deadline for manuscript submissions

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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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