



## Analysis and Control Techniques in Power-Electronic-Based Power System

Guest Editors:

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks to bring together researchers from both academia and industry to introduce the latest control techniques for the power-electronic-based power systems and discuss future research opportunities.

Topics of interest include, but are not limited to, the following:

Deadline for manuscript  
submissions:

**15 November 2024**

- Analysis of power-electronic-based power systems;
- Power quality problem of power-electronic-based power systems;
- Topology of power-electronic-based power systems;
- Modelling technique of power converters;
- Advanced control strategy of power-electronic-based power systems;
- Control techniques for microgrids;
- Converter design for different regulation requirement;
- Control of grid-forming storage converter;
- Transient stability of power-electronic-based power systems.





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## Editor-in-Chief

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## 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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