

## Special Issue

# Trends and Prospects in Analysis and Control of Power Electronics

### Message from the Guest Editor

This Special Issue aims to gather research on novel power electronic converters, novel control methods for power electronic systems, analysis of bifurcation and chaos in the power electronic systems, as well as the applications of new circuit elements for power electronic systems. Stability and dynamic characteristics of power electronic systems are also required. Prospective authors are invited to submit original contributions, survey papers, or tutorials for publication in this Special Issue. Topics of interest include but are not limited to:

- Topology of power electronic converter;
- Modeling and analysis of power electronics;
- Bifurcation and chaos in power electronics;
- Control methods for power electronics;
- Fractional-order power electronics;
- Fractional-order control and its application in power electronics;
- Power electronics with memristor, meminductor, or memcapacitor.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2023)



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## About the Journal

### 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.

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### Editor-in-Chief

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