

## Special Issue

# Intelligent Control Strategies for Power Electronics

### Message from the Guest Editors

Dear colleagues, The global push for sustainable energy solutions has intensified the need for efficient, clean, and reliable power systems. Power electronics, as a key enabler, is driving innovations in renewable energy, microgrids, electric vehicles, and more. However, the growing integration of power electronics into generation, transmission, and distribution introduces new challenges for system stability and control. Due to the differences in power generation and grid connection methods and the complexity of load applications, the penetration of power electronics technology into the fields of power generation, transmission, and distribution will have a greater impact on system operation, control, and stability. In recent years, in modern power systems, advanced control strategies represented by direct current control have received widespread attention due to their superior control performance and excellent dynamic response.

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### Guest Editors

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### Deadline for manuscript submissions

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## Electronics

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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.

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### Editor-in-Chief

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