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# Advances in Optimization and Control of Electronic Devices for Renewable and Clean Energy Systems and Applications

Guest Editors:

**Dr. Fares M'zoughi**

**Prof. Dr. Izaskun Garrido**

**Prof. Dr. Aitor J. Garrido**

Deadline for manuscript submissions:
**closed (31 October 2022)**

## Message from the Guest Editors

The renewable energy industry and market have developed rapidly in the past few years, and it is essential to regularly review current research, developments, and innovations in order to be able to map future challenges. Methods and optimizations to improve the integration of clean and renewable resources are welcomed, such as system modeling and design considerations, intelligent control design, and control strategies, utilizing high-performance electronic devices.

The topics of interest include but not limited to:

- Wave energy conversion
- Tidal energy conversion
- Wind energy conversion
- Solar energy conversion
- Offshore energy applications
- Fusion energy control
- Fault-tolerant control
- Intelligent control design and control strategies
- Mono-objective and multi-objective optimization
- Advanced control of power electronic devices

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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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