

## Special Issue

# State of the Art and Future Trends in Low and High Power Electronics

### Message from the Guest Editor

We are pleased to announce that we are seeking high-quality novel research and review articles for a Special Issue on the state of the art and future trends in low- and high-power electronics. Power electronics technology is related to efficient conversion, accurate control and conditioning of electric power from the source to the load. This technology enables energy saving, energy generation and distribution from renewable sources such as solar and wind energy. The power electronics technology covers a power range from very high Gigawatt power such as energy transmission, propulsion systems for ships, high-speed trains, etc., down to the very low milliwatt power required to operate domestic appliances, mobile phones or LED lighting. Keywords

- high-power devices
- reverse breakdown voltage
- figure of merit
- Schottky barrier diode
- edge termination methods
- energy-storage systems
- power electronics

### Guest Editor

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### Deadline for manuscript submissions

closed (15 April 2023)



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

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).