

## Special Issue

# High-Voltage Technology and Its Applications

### Message from the Guest Editor

The primary objective of this Special Issue is to explore insulation system design, testing, diagnostics and monitoring, and the estimation of the remaining lifetimes of medium- and high-voltage power electronics-based devices, as well as the components connected to them. Research areas may include (but are not limited to) the following subjects:

- High-voltage power electronics-based test sources:
- Insulation aging, remaining lifetime, and diagnostics and monitoring of power electronics-based devices
- Medium-frequency transformers and power transformers:
- Power Cables

In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

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### Guest Editor

Dr. Mohamad Ghaffarian

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### Deadline for manuscript submissions

closed (15 May 2025)



## 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

Prof. Dr. Flavio Canavero

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /  
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#### Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (Electrical and  
Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.4 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
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