

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2025)



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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.

Editor-in-Chief

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