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High Voltage Power Supplies

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Deadline for manuscript submissions:
closed (1 July 2022)

Message from the Guest Editors

Dear Colleagues,

In recent years, there have been great advances in the development of high voltage output power supplies with the emergence of new power devices (SiC and GaN), the use of more and more digital control circuits (DSPs and FPGAs), and the decrease in size and weight in high-voltage transformers: high frequency operation or new isolation materials.

This Special Issue seeks to publish a collection of articles that address the latest developments in high voltage power supplies.

Topics of interest include but are not limited to:

- Medical applications;
- Industrial applications;
- Pollution control;
- Resonant topology;
- Multilevel topology;
- New control strategies;
- New power devices;
- High-voltage devices;
- High-voltage power transformers.

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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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