

Special Issue

New Topologies of DC-DC Converters in Power Systems

Message from the Guest Editor

We are inviting submissions to a new Special Issue of *Electronics*, entitled "New Topologies of DC-DC Converters in Power Systems". With the large-scale integration of renewable energy sources (RESs), such as wind power and photovoltaics in the power system, as well as the rapid development of DC loads such as electric vehicles and data centers, there are increasing numbers of DC systems or links in the power system. DC/DC converters are crucial equipment for power interconnection and voltage transformation in the DC sections of the power system, especially in systems such as offshore wind power systems, all-DC systems, DC distribution networks, energy storage systems, electric vehicles, DC microgrids, etc., where new DC/DC application scenarios and technologies are rapidly developing. This Special Issue will include recent developments regarding the topology, control, operation, protection, and application of DC/DC converters in the power system.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2024)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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