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Advanced Power Converters for Switched Reluctance Machine Drives

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Message from the Guest Editors

Dear Colleagues,

The switched reluctance machine (SRM) has recently been considered to be of great interest for many applications. Nevertheless, the need of a power converter for the SRM drive is usually considered a disadvantage. However, with the contribution of recent technological developments and modern control techniques, advanced power converters have become a source of innovative solutions to overcome the system's drawbacks and to improve its performance, making the SRM drive an interesting option in many applications.

This Special Issue therefore aims to contribute innovative solutions to increment the knowledge and performance of SRM drive systems, particularly using emerging converter topologies. System applications and related issues such as fault-tolerant capability and fault diagnosis are also very welcome. We therefore invite submissions for the Special Issue on “Advanced Power Converters for Switched Reluctance Machine Drives” that address innovative technical developments and applications on this subject.



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Special Issue



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Message from the Editor-in-Chief

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