Special Issue

Advances in Permanent Magnet Synchronous Machines: Design, Control, and Applications

Message from the Guest Editors

Currently, permanent magnet synchronous machines have drawn extensive concern worldwide due to their large torque capacity, high efficiency and robust configuration. This Special Issue will focus on advances in permanent magnet synchronous machines, including design, control and applications. Topics of interest for publication include, but are not limited to, the following:

- High-torque density permanent magnet machine advances;
- Multi-physics analysis of permanent magnet machines;
- Optimization of permanent magnet machines;
- Design of special permanent magnet machines;
- Novel applications of permanent magnet machines;
- Design and control of high-speed permanent magnet machines;
- Design and control of multi-phase permanent magnet machines;
- Design and control of fault-tolerant permanent magnet machines;
- AI-related techniques for permanent magnet machines;
- New material application for permanent magnet machines;
- Other aspects related to permanent magnet synchronous machines.

We look forward to receiving your contributions.

Guest Editors

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Prof. Dr. Fei Zhao

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Deadline for manuscript submissions

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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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