

Special Issue

Electrical Machines, Power Electronics and Electric Drives: Challenges and Research Trends

Message from the Guest Editor

This Special Issue, entitled “Electrical Machines, Power Electronics and Electric Drives: Challenges and Research Trends”, aims to present and disseminate the most recent advances and future perspectives related to the theory, design, modeling, application, and control of industrial electric drives. Topics of interest include but are not limited to:

- Winding design methods for both traditional and new electric machines;
- Development of multiphase motors and drives;
- Efficiency measurement of electric motor drives;
- Innovative control algorithms of power converters;
- Multilevel converters for industrial motor drives;
- Techniques for power loss minimization in electric motor drives;
- Diagnosis and fault prediction in electric drives;
- Simulation tools, modeling, and analysis of traditional and new electric motors.

Guest Editor

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Deadline for manuscript submissions

closed (5 July 2023)



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