



## Design and Control of Electrical Machines and Drives

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on, but is not limited to, the following topics:

- Electromagnetic and thermal design methods for electric machines;
- Multi-objective optimization of electric machines and drives;
- Core loss analysis and advanced core loss calculation methods;
- Design of line-start permanent magnet and line-start permanent magnet-free machines;
- Nonlinear models of electric machines with concentrated parameters;
- Development of electric machines for electric propulsion;
- Dual-rotor PM machines for electrical variable transmission;
- Development of highly-efficient electric machines for general applications;
- Of-line and on-line methods for identification of electric machine parameters;
- Development of enhanced control methods for electric machines and drives (field oriented control, direct torque control, model predictive control, model-free predictive control)
- Advanced control system strategies for wind power generation systems.





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## Message from the Editor-in-Chief

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