

## Special Issue

# Design and Control of High-Torque-Density Permanent Magnet Machines

### Message from the Guest Editors

This Special Issue aims to provide a platform for professionals from both academia and industry all over the world to exchange their experience and achievements within the scope of high torque density electrical machine designs and the control thereof.

List of topics:

- Novel high torque density machine topologies;
- Performance analysis and calculation methods;
- Advanced electromagnetic cooling and mechanical design;
- New materials for high torque density machine systems;
- Vibration and noise reduction in high torque density machine systems;
- Control systems based on wide-bandgap semiconductor devices;
- Novel control methods of high torque density machines;
- Machine parameter identification and measurement;
- Emerging high torque density electrical machine systems;
- New applications of high torque density machines.

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### Guest Editors

Prof. Dr. Yuting Gao

Dr. Libing Jing

Dr. Hao Chen

Dr. Xinkai Zhu

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### Deadline for manuscript submissions

10 June 2026



## Energies

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*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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