

Special Issue

Rare-Earth-Free Permanent Magnet Motors and Generators for Use in Electric Vehicles and Wind Turbines

Message from the Guest Editors

Topics of interest for publication include, but are not limited to:

- Rare-earth (RE)-free permanent and soft magnets for electric machine applications.
- Working principles of permanent magnet synchronous motor (PMSM).
- AI-based design of high-torque density and low-torque ripple RE-free PMSM.
- AI-based design of RE-free permanent magnet-assisted synchronous reluctance machine (PMASynRM).
- AI-based design of energy-shifting PMSM.
- Electromagnetic characteristics of spoke-type PMSM.
- Copper and iron losses in spoke-type PMSM and PMASynRM.
- Consumption of magnetic materials for rotor of spoke-type PMSM and PMASynRM.
- Motor controllers and control circuitry for PMSM.
- Control of back-electromotive force of PMSM.
- Finite element analysis (FEA) or method (FEM) for electromagnetic analysis of permanent magnet synchronous motors (PMSM).
- etc.

Welcome to contribute.

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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