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General Design, Analysis and Advanced Control of Axial-Flux Electric Machine

Guest Editor:

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Deadline for manuscript submissions:
closed (28 January 2022)

Message from the Guest Editor

The Guest Editor is inviting submissions for a Special Issue of Energies on the subject area of "General Design, Analysis and Advanced Control of Axial-Flux Electric Machine".

This Special Issue will deal with novel design, analysis and control techniques for axial-flux electric machine. Topics of interest for publication include, but are not limited to:

- Novel topology;
- Mathematical modelling and efficient calculation method;
- Thermal management system;
- New materials and application;
- Power dencity and efficiency improvement methods;
- Multi-physics analysis and multi-objective optimization;
- Fault-tolerant operation and coordinate control;
- Advanced control methods;
- Position sensorless techniques;
- Calculation and measurement of stray effects and losses;
- System integrated techiniques.

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Message from the Editor-in-Chief

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