

Special Issue

Latest Trends in the Design of Hairpin Winding Machines for Transport Electrification Purposes

Message from the Guest Editors

This is a call for papers for a Special Issue on the “Latest Trends in the Design of Hairpin Winding Machines for Transport Electrification Purposes”. This Special Issue will provide a forum for researchers and practitioners to exchange their latest theoretical and technological achievements and identify critical issues and challenges for future investigation in the design of electric machine drives using this winding configuration. The submitted papers are expected to raise original ideas and potential contributions to theory and practice. Topics include but are not limited to the following research areas:

- Various manufacturing techniques of hairpin winding;
- Design of innovative hairpin winding layouts;
- Design hairpin winding machines;
- Thermal management approaches for hairpin winding machines;
- Accounting and modeling AC winding losses in hairpin winding machines.

Guest Editors

Prof. Dr. Antonio J. Marques Cardoso

Dr. Payam Shams Ghahfarokhi

Dr. David Gerada

Prof. Dr. Wen-Ping Cao

Deadline for manuscript submissions

closed (31 July 2023)



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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).