



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

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)

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.





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Antonio J. Marques
Cardoso**

CISE—Electromechatronic
Systems Research Centre,
University of Beira Interior,
Calçada Fonte do Lameiro, P-
6201-001 Covilhã, Portugal

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank: JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

Contact Us

Machines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/machines
machines@mdpi.com
[X@Machines_MDPI](https://twitter.com/Machines_MDPI)