

## Special Issue

# Recent Progress in Electrical Machines and Motor Drives

### Message from the Guest Editors

Prospective authors are encouraged to submit original research and survey papers for consideration in this Special Issue. The topics of interest may include, among others, the following: - The control of multiphase electric drives.- The design of multiphase machines.- Fault tolerance in multiphase machines.- Model predictive control for multiphase electric systems.- Model free predictive control for multiphase electric systems.- The integration of axial flux machines in electrical vehicles.- The control of axial flux machines.- The design of axial flux motors.- Modeling axial flux machines.- The impact of SiC/GaN switches on electric drives.- Voltage source converters based on SiC/GaN switches.- The design of modulation stages for SiC/GaN switches.

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### Guest Editors

Dr. Angel Gonzalez-Prieto

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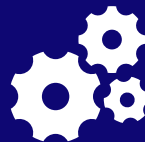
Dr. Ignacio Gonzalez Prieto

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### Deadline for manuscript submissions

31 December 2024



## Machines

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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.

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### 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

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