



an Open Access Journal by MDPI

# **Fault Tolerant Control of Induction Motor**

Guest Editor:

### Message from the Guest Editor

Dr. Vanesa Fernández-Cavero

Electrical Engineering Area, Department of Electromechanical Engineering, University of Burgos, 09001 Burgos, Spain

Deadline for manuscript submissions: closed (31 May 2024) Dear Colleagues,

Induction motors are the most prevalent element across the industrial sector, being key to all kinds of processes. Although they are known to be robust and resistant element, the stresses to which they are subjected can nevertheless lead to failures.

These failures involve important costs for the industries, necessitating their detection early on, as well as their correct identification. Therefore, the study and control of induction motor failures is a subject of vital interest.

This Special Issue focuses on the control of these faults, applied specifically to induction motors. Innovative papers that delve deeper into this study are therefore welcome.

Dr. Vanesa Fernández-Cavero *Guest Editor* 



mdpi.com/si/154884







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 - Q2 (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