



Industrial Applications: Industry 4.0 Challenges in the Environmental, Social, and Corporate Governance Context

Guest Editors:

**Dr. Marcos de Sales Guerra
Tsuzuki**

Department of Mechatronics and
Mechanical Systems Engineering,
Universidade de São Paulo, São
Paulo 2231, Brazil

**Dr. Marcosirís Amorim de
Oliveira Pessoa**

Department of Mechatronics and
Mechanical Systems Engineering,
Universidade de São Paulo, São
Paulo 2231, Brazil

Dr. Milena Faria Pinto

Federal Center for Technological
Education of Rio de Janeiro, Rio
de Janeiro 20271-110, Brazil

Message from the Guest Editors

Dear Colleagues,

The authors from the conference INDUSCON 2023 (<https://induscon.org/>) held in São Bernardo do Campo, Brazil, are invited to submit an expanded version of their papers to *Machines*. The papers are related to the industrial applications in several major topics of the conference, including: Social and Sustainable Processes and Practices, Renewable Energy and Sustainable Operations, Circular Economy Tracking and Industry 4.0 Solutions for Governance, Additive Manufacturing and Personalized Products, Industry 4.0, Internet of Things, Life Support Systems, Robotics and Mechatronics, Ultrasound Techniques, Electrical Machines and Drives, Electric Vehicles, Autonomous Vehicles and Drones, Big Data Applied to Modeling, Diagnostics, Deep Learning and Machine Learning Applied to Industry Systems and Processes, and others.

Deadline for manuscript
submissions:

31 July 2024





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*)

Contact Us

Machines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/machines
machines@mdpi.com
X@Machines_MDPI