



## Research on the Optimal Selection of Electromechanical Drives

Guest Editors:

**Dr. Dominik Wilczyński**

Institute of Machine Design,  
Poznan University of Technology,  
60-965 Poznań, Poland

**Dr. Radosław Pytliński**

Department of Machine Design,  
Calisia University, 62-800 Kalisz,  
Poland

Deadline for manuscript  
submissions:

**closed (20 November 2022)**

### Message from the Guest Editors

Dear Colleagues,

Electromechanical drive systems are widely used in every area of life. Their development is extremely important in terms of failure-free operation, but the main focus is on the lowest possible energy consumption, which is an important ecological aspect. As machine designers, we can contribute to an additional reduction in energy consumption through proper shaping of geometrical, material, and dynamic features of machine parts and their assemblies. This will lead to the selection of an electric motor characterized by lower nominal power. I invite everyone to share their research results, which will improve the process of designing machines and devices used for various applications in multiple areas to reduce energy consumption and make them more efficient.

Dr. Dominik Wilczyński  
Dr. Radosław Pytliński  
*Guest Editors*





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## 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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)