

Special Issue

Control of Multiphase Machines and Drives

Message from the Guest Editors

With the interest in electrical machines growing in recent times, the multiphase machine field has become an interesting research area. Their intrinsic features (power splitting, better fault tolerance, or lower torque ripple) make them a very interesting competitor to conventional three-phase machines. Multiphase electric drives have been recently used in applications where the fault tolerance and the continuous operation of the drive are required. However, the difficulties in extending the three-phase conventional current regulation and control structure to multiphase systems still limit their broad applicability in industry solutions. The main objective of this Special Issue is to encourage new advances, developments, and applications in the multiphase machines and drives field, while exposing these advances, developments, and applications to the scientific community and industry.

Guest Editors

Prof. Dr. Federico Barrero

Department of Electronic Engineering, University of Seville, 41092 Seville, Spain

Dr. Ignacio González-Prieto

Department of Electrical Engineering, University of Málaga, 29016 Málaga, Spain

Deadline for manuscript submissions

closed (30 September 2019)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/21363

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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)