energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.2

Intelligent Fluid Power Drive Technology

Guest Editor:

Dr. Per Johansen
Department of Energy Technology, Aalborg University, Aalborg, Denmark

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editor

In a future of electrification and intelligent energy management it is of outmost importance to replace the use of throttling by smarter power transformation technologies, such that fluid power systems can operate in an intelligent energy management setting with regeneration and power sharing. The utilization of efficient energy transformation together with prognostics and health management brings the fluid power drive technology towards an intelligent future, where the system data is pivotal. This special issue welcome original research papers, short communications, or state-of-the-art reviews.

The contributions may be focused on one or more of the following topics:

- Energy optimal control
- Prognostics and health management
- Sensor technology
- Electro-hydraulic drives
- Switched inertance converters
- Hydraulic transformers
- Fluid power tribotronics

energies

IMPACT FACTOR 3.0

CITESCORE 6.2

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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi