Special Issue

Intelligent Fluid Power Drive Technology

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

Guest Editor

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Deadline for manuscript submissions

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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.

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