

Special Issue

Fluid Power Components and Systems

Message from the Guest Editor

This Special Issue on aims to disseminate recent advances of fluid power technology, contributing to the existing literature. The scope of this Special Issue focuses on a wide range of topics, including the following:

- New methodologies for the analysis, modeling, simulation, and design of hydraulic and pneumatic components
- Advanced configurations and design for hydrostatic pumps and motors
- New configurations and design solutions for hydraulic valves and actuators
- New experimental approaches and techniques in hydraulic and pneumatic components
- Component sizing and manufacturing techniques in fluid power components
- Fluid power production methods
- New materials in fluid power components
- Advanced system configuration in mobile and industrial fluid power
- Applications of fluid power in the field of hydrostatic, hybrid, and power split transmissions
- Efficiency labeling in fluid power components
- Energy rating in fluid power systems
- Monitoring, fault detection, and life reliability in fluid power components
- Design by end-user: diagnosis, prognostic, and energy consumption evaluation
- Biodraulics: fluid power in bioengineering

Guest Editor

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Message from the Editor-in-Chief

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