



## Fluid Power Components and Systems

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

This Special Issue 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





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