

Special Issue

Turbomachinery: Design and Applied Sciences

Message from the Guest Editor

Turbomachinery in future propulsion and power systems with low emission and high performance requires an oil-free shaft support system with improved efficiencies and reliability, along with savings in long-interval maintenance expenses. The current Special Issue invites archival-quality papers in the broad aspects of component and system technologies for oil-free turbomachinery, such as automotive turbochargers, charging systems for fuel cell applications, compressors, blowers, fans, micro gas turbines, and motors/generators. The Issue welcomes review papers and discussions of published papers.

- Turbomachinery
- Performance
- Rotordynamics
- Vibration
- Bearings
- Dampers
- Seals
- Tribology
- Thermal management
- Multiphysics

Guest Editor

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Deadline for manuscript submissions

closed (25 April 2022)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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