

Special Issue

Hydrostatic and Hydrodynamic Bearings

Message from the Guest Editors

The Special Issue "Hydrostatic and Hydrodynamic Bearings" of the journal *Lubricants* aims to offer a platform to researchers for sharing their latest, innovative, and original studies about hydrostatic and hydrodynamic bearings. Both theoretical and experimental studies are welcome.

We welcome both review articles and original research that offer theoretical insights, groundbreaking experimental studies, and innovative computational methods. Such contributions will advance our understanding of the underlying mechanisms across multiple scales. We also invite submissions featuring novel applications that challenge and extend the current frontiers of the field. The scope of this Special Issue encompasses topics including stability, lubrication, structure design, and performance optimization of all kinds of hydrostatic and hydrodynamic bearings. We sincerely invite experts and scholars in the field to contribute their manuscripts, and this Special Issue would be honored to have the opportunity to present your latest research findings to the wider audience.

Guest Editors

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Dr. Minghui Guo

Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants*.

Editor-in-Chief

Prof. Dr. Homer Rahnejat
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