Special Issue

Lubrication Characteristics of Journal and Thrust Bearings

Message from the Guest Editors

In recent decades, journal and thrust bearings have included several significant contributions related to key topics such as performance-oriented design, dynamic behavior, and lubrication, which are paving the way for future engineering challenges. Despite the great achievements obtained in the journal and thrust bearings, we are still far from being able to predict the behaviour of the rotor systems involving lubrication or contact interfaces, as well as the sealing. Latest knowledge is of outmost importance to develop strategies to respond and solve the future tricky challenges. The current Special Issue aims at bringing together, in the same Issue, contributions from world-leading scientists working in the fields of lubrication characteristics of journal and thrust bearing, with the goal being to deepen our understanding of academic and engineering regarding the latest modelling, simulation, and measurement methods. Contributions are welcome from all scientists working in journal, thrust bearing, and related areas.

Guest Editors

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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.*

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