



Friction and Wear in Machine Design

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Message from the Guest Editor

We would like to invite you to contribute to the Special Issue of *Lubricants* entitled “**Friction and Wear in Machine Design**”. As you know, friction is a primary cause of energy dissipation in many different fields, from the automotive industry to biomedical applications. Accordingly, studies on the reduction in frictional power losses have gained great attention and constitute a promising direction in improving the performance of different engineering applications. Recently, nanotechnology has led to the creation of novel materials for lubrication in tribological applications. Nanolubricants and self-lubricating materials have attracted enormous interest from manufacturers and researchers around the world due to their potential for enhancing the durability and lifespan of mechanical components. The main aim of the current Special Issue is the further development of tribological studies as a solution for reducing frictional power losses in various applications, in order to enhance the durability of the tribo-components and save energy.

We sincerely hope you will accept our invitation to contribute to this Special Issue.

We look forward to hearing from you soon.





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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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