

Special Issue

Green Tribology: New Insights toward a Sustainable World

Message from the Guest Editors

Green tribology is an emerging and actual area of tribological science. It can be viewed as an interdisciplinary topic, which includes mainly classical tribology, chemical engineering, materials science, energy, green lubrication, and environmental sciences, with the purpose to improve the efficiency in processes (cleaner production) and machine components, by minimizing friction, wear, and, in general, dangerous pollution, in order to protect the environment and to improve the quality of life. Therefore, the main goals of green tribology are the minimization of friction and wear, and the reduction in or complete elimination of lubrication, including self-lubrication (natural and biodegradable lubrication).

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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

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