

Special Issue

Industrial Tribo-Systems and Future Development Trends

Message from the Guest Editors

This Special Issue aims at providing the current development and future trends of industrial machinery and its lubricants. Principal topics include:

- development of tribo-system for evaluation of industrial lubricant and advanced material performance;
- tribochemistry for understanding tribological characteristics of industrial lubricants in their engineering applications;
- surface chemistry and mechanisms in industrial tribological systems;
- bench test evaluation and interpretation of industrial lubricant performance;
- analysis of friction and wear performance in an industrial machinery or manufacturing equipment;
- analysis of tribochemical processes during tribo-system for industrial equipment and applications;
- friction induced tribochemical process in metallic and non-metallic systems;
- friction induced phase transformations and their role in wear;
- wear resistant material development and tribo-testing;
- future trends for industrial machinery and manufacturing equipment

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Guest Editors

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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

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