Special Issue

Tribology in Manufacturing Engineering

Message from the Guest Editors

Tribology is the science and technology of interacting surfaces in relative motion regarding friction, wear, and lubrication, involving interdisciplinary fields such as mechanical engineering, materials science and engineering, chemistry and chemical engineering, and manufacturing engineering. In particular, tribology plays a prominent role in traditional and advanced manufacturing technologies, especially those including metal working, metal forming, metal machining, and micro/nano manufacturing. The study of tribology is significant in manufacturing processes since it is instrumental in cost-effectiveness, quality control, process optimisation, and performance enhancement of products. As green manufacturing and its sustainable development are garnering increased attention and interest at present, tribology-related research in manufacturing engineering needs to provide new possibilities to meet future demands for resource-saving and net-zero emissions.

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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.*

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