Special Issue

Applied Tribology in Mechanical Engineering

Message from the Guest Editors

This Special Issue exclusively aims at the latest developments in the field of sliding materials and lubricants used in machines and devices. Equally interesting is the modeling of processes and phenomena related to friction, wear, and lubrication of machine elements with the use of computer techniques. Research articles dedicated to improvements in the lifetime of machines related to the tribological wear of their parts, as well as reducing the friction resistance, if necessary, will be of great interest to this Special Issue. Advances in modeling and the cross-correlation to experimental results in mechanical engineering applications are also highly welcome.

Guest Editors

Prof. Dr. Wojciech Wieleba

Faculty of Mechanical Engineering, Wroclaw University of Science and Technology, Wroclaw, Poland

Dr. Maciej Paszkowski

Department of Fundamentals of Machine Design and Mechatronic Systems, Wrocław University of Science and Technology, Ignacego Łukasiewicza 7/9, 50-371 Wrocław, Poland

Deadline for manuscript submissions

closed (15 July 2020)

Lubricants

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 4.5

mdpi.com/si/30838

Lubricants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
lubricants@mdpi.com

mdpi.com/journal/lubricants

Lubricants

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 4.5

mdpi.com/journal/lubricants

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

Prof. Dr. Homer Rahnejat
School of Engineering, University of Lancahire, Preston PR1 2HE, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).