Special Issue

Tribological Behavior of Composites Materials

Message from the Guest Editor

One of the main reasons for material failure and equipment damage is recognized to be tribological phenomena in terms of friction and wear; thus, composite materials, because of their tribomechanical properties, are attracting attention both in academic society and industry. This Special Issue aims to collect the latest advances in the tribology of composites and bio-composites, with particular attention to experimental investigations but also to mathematical and numerical modeling of contact phenomena. Contributions are welcome in terms of reviews and/or research papers from both academic researchers and their industrial peers, dealing with the latest developments in this topic. Principal topics include, but are not limited to:

- Tribology
- Friction
- Wear
- Contact Mechanics
- Composites
- Polymer composites
- Metal matrix
- (Natural) Fibers
- Biocomposites
- Nanocomposites

Alessandro Ruggiero

Guest Editor

Dr. Alessandro Ruggiero
Department of Industrial Engineering, University of Salerno, Via Giovanni Paolo II, 132, 84084 Fisciano, SA, Italy

Deadline for manuscript submissions

closed (1 March 2020)

Lubricants

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 4.5

mdpi.com/si/28142

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 Central Lancashire, 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).

MDPI