

# Special Issue

## Selected Papers from the K-TRIB2020

### Message from the Guest Editors

The importance of tribology has been increasingly emphasized over the years as we face critical technical and social issues related to energy and the environment. In this regard, tribology will continue to play a vital role in the development of novel technologies to maximize the efficiency as well as performance of machines and devices. In this Special Issue of *Lubricants*, selected papers from the 2nd Korea-Tribology International Symposium (K-TRIB2020) will be published. Contributions can be articles describing original research, methods, hypothesis and theory, opinions, and more traditional reviews. **A 20% discount on the Article Processing Charges is available for all the attendees of K-TRIB2020.** The aim of K-TRIB 2020 is to provide a platform for scientists and engineers from all over the world to share the latest information on a wide range of topics relevant to tribology. The topics will include all topics related to lubricants as well as other major themes of tribology. Principal topics include, but are not limited to:

- Fluid film lubrication
- Lubricants
- Additives
- Grease

Prof. Dae-Eun Kim s

---

### Guest Editors

Prof. Dr. Dae Eun Kim

School of Mechanical Engineering, Yonsei University, Seoul 03722, Republic of Korea

Prof. Dr. Sung-Ho Hong

Department of Mechanical System Engineering, Dongguk University-Gyeongju, Gyeongju 38066, Korea

---

### Deadline for manuscript submissions

closed (20 December 2020)



## Lubricants

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 4.5



[mdpi.com/si/28205](https://mdpi.com/si/28205)

*Lubricants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[lubricants@mdpi.com](mailto:lubricants@mdpi.com)

[mdpi.com/journal/  
lubricants](https://mdpi.com/journal/lubricants)





# Lubricants

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 4.5



[mdpi.com/journal/  
lubricants](https://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 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 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).