

# Special Issue

## Multiscale Tribology of Solid Lubricants

### Message from the Guest Editors

This Special Issue will highlight recent advances in the development of novel solid lubricant materials, as well as advances in our understanding of mechanisms by which solid lubricant materials operate. We invite high-quality, scientific research manuscripts with either an applied focus, or manuscripts that advance basic scientific understanding of solid lubrication and solid lubricant materials, across mechanochemical length scales. We anticipate such research to highlight experimental, theoretical and/or computational studies that advance the science of solid lubrication, and enable development of next-generation solid lubricant materials for future technologies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2023)



## Lubricants

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Impact Factor 2.9  
CiteScore 4.5



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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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### Editor-in-Chief

Prof. Dr. Homer Rahnejat  
School of Engineering, University of Central Lancashire, Preston PR1  
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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).