

# Special Issue

## Assessment of Adhesive Wear

### Message from the Guest Editors

Adhesive wear is the process of material ploughing, delamination, and removal occurring on the strong adhesive junctions between the sliding surfaces under a compressive–shear stress state. This phenomenon can take place in a wide range of mechanical systems, involving manufacture machines, aerospace, mining, and drilling tools, especially in harsh operating conditions such as high temperatures and/or extreme stresses. The Special Issue calls for a collection of both research and review papers making contributions towards better understanding the adhesive wear behavior of essential parts, developing novel wear resistance coatings/materials, or improving assessment methodology and models. Both experimental and numerical-related research is highly encouraged. The Special Issue seeks to provide an opportunity for authors to gather and share insights and achievements in the field of assessment of adhesive wear.

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### Guest Editors

Prof. Dr. Lin Liu

Prof. Dr. Yong Luo

Dr. Min Ji

Prof. Dr. Hamid Garmestani

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### Deadline for manuscript submissions

closed (20 August 2023)



## Lubricants

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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

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