





an Open Access Journal by MDPI

Assessment of Adhesive Wear

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Deadline for manuscript submissions:

closed (20 August 2023)

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



