Special Issue

Wear in Additive Manufacturing

Message from the Guest Editors

Products made through additive manufacturing have attracted great attention in engineering and healthcare contexts and society as a whole. Wear is one of the most common failure modes of products fabricated through additive manufacturing, which raises concerns about their safety and reliability. The materials, structures, and processing involved in additive manufacturing have a profound influence on their wear behavior. We need to gain more knowledge of wear fundamentals, wear mechanisms, wear modes, and the influence of the surface finish and microstructures of additively manufactured products. This Special Issue aims to gather deeper knowledge of the wear failure of additively manufactured products, which covers aspects related to wear modeling and validation, wear testing methods, etc. These studies will enable the development of future additively manufactured products with improved wear properties.

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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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