



Wear and Friction in Hybrid and Additive Manufacturing Processes

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Message from the Guest Editors

Dear Colleagues,

Tribology is the science of friction, wear, and lubrication, making it inherently inseparable from surface engineering. Additive manufacturing (AM) offers unique capabilities that can be leveraged to enhance the reliability of various tribological contacts. Hybrid manufacturing can provide enhanced capability by combining subtractive and/or transformative (e.g., peening or rolling) processes with additive ones. The operating life of components engaged in wide varieties of contacts is critical for their application in sectors such as biomedicine, energy, automotive, and aerospace. Accordingly, this Special Issue seeks to showcase research papers, short communications, and review articles that focus on understanding the friction and wear behavior of components fabricated via hybrid/additive manufacturing of metals, polymers, ceramics, and composite materials.





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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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