Special Issue

Tribology in the Processing of Composite Materials

Message from the Guest Editor

Composite materials have found exciting applications in various industries, including the aerospace, defense, and automotive sectors, owing to their high strength-to-weight ratio, high wear resistance and corrosion resistance, and so on. However, processing composite materials for critical engineering applications is often challenging, considering their high strength and difficult-to-machine characteristics. However, gaining insights into composite materials' frictional and mechanical wear behavior during their processing could offer new opportunities to solve the challenging issues encountered and to obtain complex composite structures with a high-quality surface finish. This Special Issue focuses on the tribological behavior of composite materials during their processing, in addition to their surface modifications, coatings, and structure modifications.

Guest Editor

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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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