

Special Issue

Friction and Wear Properties of Sprayed Coatings

Message from the Guest Editors

This Issue will highlight advancements in thermal spray coating technologies aimed at improving tribological performance, such as for friction and wear, through a variety of spray coating methods. We invite contributions to thermal spray coating technologies, such as plasma spraying, twin wire arc spraying, high-velocity oxygen fuel (HVOF) spraying, combustion flame spraying, and cold spraying. This Special Issue will explore how coating composition, microstructure, and surface preparation influence frictional behavior and wear mechanisms under diverse operating conditions. By providing a platform for the latest research and innovations, this Issue aims to promote a deeper understanding of lubrication technologies and surface protection strategies for industrial, automotive, aerospace, and energy applications.

Guest Editors

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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*.

Editor-in-Chief

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