Special Issue

Tribological Behavior of Metal Coatings

Message from the Guest Editors

The tribological behavior of metal coatings is a Special Issue of *Lubricants* dedicated to spreading quality scientific contributions on the tribological behavior of hard metal coatings obtained by PVD, CVD, plasma-assisted and electroless processes, among others. In this Special Issue, the tribological fundamentals of nitrides, carbon nitrides and titanium aluminum nitrides in the machining and forming process are of interest. Research reports on coatings obtained by plasma spray and related techniques for highly abrasive applications, and investigations of coatings' phase transformation induced by friction and temperature, are welcome. Manuscripts on the relation among coatings' microstructure, mechanical behavior and tribological performance are encouraged to be submitted.

Guest Editors

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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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