



Tribology for Lightweighting

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Message from the Guest Editors

The emerging lightweighting solutions and tribological optimization are essential for decreasing emissions and the carbon footprint in automotive-related applications. Durability, friction control, wear protection and sustainability are interlinked. This Special Issue is aimed at the latest research on advanced lubricants for automotive parts subjected to harsh tribological requirements and for manufacturing processes of automotive components using advanced materials for lightweighting.

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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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