Special Issue

Tire/Road Interface and Road Surface Textures

Message from the Guest Editors

This Special Issue on "Tire/Road Interface and Road Surface Textures" brings together recent advancements in the study of this dynamic relationship. It explores how road surface characteristics, such as roughness, texture, and material composition, affect tire performance, including grip, wear patterns, and rolling resistance. Thia Special Issue also highlights cutting-edge research on tire design and material innovations for optimizing performance across a variety of road conditions. By presenting both experimental and computational studies, this Special Issue provides valuable insights for engineers, vehicle manufacturers, and policymakers focused on enhancing road safety, environmental sustainability, and driving comfort. Ultimately, understanding and improving the tire/road interface remains fundamental to advancing modern transportation technologies.

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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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