# Special Issue

# Advances in Friction and Wear Mechanisms of Brake Materials and Their Emission Behavior

### Message from the Guest Editors

The brake system is a key component for both automobiles and trains. Its performance not only determines driving safety but also affects the passenger's comfort. Significant improvements in the brake system have been made to enhance the noise, vibration, and harshness (NVH) performance of vehicle brake systems. Moreover, with the introduction of Euro 7 emission standards, airborne particles emitted from automobile brake systems have also been studied extensively. However, there are still large gaps in the current knowledge of the airborne particle generation mechanism.

### Guest Editors

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### Deadline for manuscript submissions

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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.*

## Editor-in-Chief

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