

Special Issue

Cast Iron as a Tribological Material

Message from the Guest Editors

The advancement of humankind into the iron age initiated one of our earliest historical revolutions, based on the discovery of a material resource that would facilitate innovation across a vast range of applications. Today, the enduring legacy of cast iron as a technical engineering material continues, particularly in its application as a tribological surface. Its broad range of properties that have been tailored by modern metallurgical practice, combined with cost-effective manufacturing, enable the fulfilment of design criteria across a comprehensive array of engineering sectors. This Special Issue explores recent advancements in our understanding of the performance of cast iron as a surface tribological material. Submissions that address an experimental and theoretical range of tribological applications and cast iron microstructures are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2025)



Lubricants

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by MDPI

Impact Factor 2.9
CiteScore 5.6



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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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