

## Special Issue

# Sensitivity of Material Failure to Surface Roughness

### Message from the Guest Editors

The investigation of the influence of surface roughness on material failure is important for the selection of the materials and the development of surface strengthening techniques in the industry. Evidently, surface morphology can determine the contact status and area between the medium or coupling element and the material surface. This is therefore interesting to comprehend the sensitivity of material failure to surface roughness. The goal of this Special Issue is to establish the relationship between material failure (for instance, wear, fatigue, and corrosion) and the surface roughness of the material (such as metals and alloys). The latest recent research achievements concerning the present topic based on experiments or simulations are invited for submission. Literature review articles are also welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



## Metals

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## About the Journal

### Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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### Editor-in-Chief

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