Special Issue

Tribology of Textured Surfaces

Message from the Guest Editors

We are delighted to extend an invitation for submissions to a Special Issue on the subject of "Tribology of Textured Surfaces". Our aim with this issue is to compile a comprehensive collection of the most recent, cutting-edge developments and innovations in the field of textured surface tribology. We are seeking both review articles and original research that provide theoretical explorations, ground-breaking experimental research, and inventive computational approaches. These contributions will help deepen our understanding of the mechanisms at play on multiple scales. We also encourage novel applications that push the existing boundaries of this field. The scope of this issue includes topics such as friction, wear, lubrication, and contact mechanics in the context of macro-, micro-, and nano-textured surfaces, as well as surface engineering techniques and the design and fabrication of these engineered surfaces.

- textured surfaces
- friction
- wear
- lubrication
- contact mechanics
- surface engineering
- microfabrication
- nanofabrication
- surface design

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2025)

Lubricants

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Message from the Editor-in-Chief

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