



## **Laser-Induced Periodic Surface Nano- and Microstructures for Tribological Applications**

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submissions:

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### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue focuses on the latest developments concerning the tribological performance of laser-generated periodic surface nano- and microstructures and their applications. Principal topics include, but are not limited to:

- Additives
- Application
- Laser ablation
- Laser materials processing
- Laser-induced periodic surface structures (LIPSS)
- Direct laser interference patterning (DLIP)
- Periodic
- Nanostructures/Microstructures
- Dimples
- Friction
- Wear
- Tribology
- Laser surface texturing (LST)
- Lubricants
- Oxidation
- Hardness
- Wettability

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*Guest Editors*



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# Special Issue



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## Editor-in-Chief

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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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