

# Special Issue

## Green Nanotribology

### Message from the Guest Editor

Green nanotribology relates to the most basic aspects of green nanotribological materials, structures, processes, and systems, and the influence of their properties across scales, up to the macroscale of human life. Nanotribological materials, structures, and processes are predominantly based on functionalities at the nanoscale; however, in hierarchical systems, additional functionalities on larger scales than the nanoscale may result in synergistic added values. This Special Issue on Green Nanotribology calls for contributions from researchers and thinkers in all realms of green nanotribology, and welcomes theoretical, experimental, and review contributions from tribologists, physicists, biologists, material scientists, engineers, and mathematicians alike who are engaged and interested in this fast-growing field. Of specific interest for this Special Issue will be papers that touch upon safe nanotribology and sustainable nanotribology which facilitate the high potential of this great field in combination with inherent safety for humans and nature.

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### Guest Editor

Dr. Ilie C. Gebeshuber

Institute of Applied Physics (IAP), Vienna University of Technology (TU Wien), Wiedner Hauptstrasse 8-10/134, 1040 Vienna, Austria

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### Deadline for manuscript submissions

closed (30 September 2018)



## Lubricants

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*Lubricants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[lubricants@mdpi.com](mailto:lubricants@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Homer Rahnejat  
School of Engineering, University of Central Lancashire, Preston PR1  
2HE, UK

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