

Special Issue

Trends and Prospects in Tribological Sustainability of Mechanical Systems

Message from the Guest Editors

Lately, research in tribology has expanded rapidly in terms of range and depth. Being a very multidisciplinary field, tribology usually has evolutions that are distributed in a variety of disciplines. Some of the most significant recent developments are in the fields of lubrication, micro- and nanotribology, MEMS tribology, biotribology, high-temperature tribology and computer simulations. One of the more exciting areas of lubrication research is the growing area of superlubricity, which is described as a system of motion involving little to no rubbing. This Special Issue will collect current research work from this broad world of tribology to assess current trends and predict future developments that will impact the field of tribology and lubrication engineering. New proposals aim to increase the level of sustainability of emerging issues and trends in tribology and lubrication engineering. With this Special Issue, we hope to bring to your attention the latest research and which certainly will be beneficial for the growing community of tribology researchers. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Corina J. Bîrleanu

Micro and Nano Systems Laboratory, Department of Mechanical Systems Engineering, Technical University of Cluj-Napoca, 400641 Cluj-Napoca, Romania

Dr. Lucian Lazarescu

Department of Manufacturing Engineering, Technical University of Cluj-Napoca, 400641 Cluj-Napoca, Romania

Deadline for manuscript submissions

closed (30 December 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/106649

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)