

Special Issue

New Challenges in Tribology of Space Mechanisms

Message from the Guest Editor

This Special Issue aims to promote the current advances and future trends in the field of space tribology. Mechanisms are not limited to satellites or rovers. It covers launchers, landers, future moon and Mars base stations, etc. Papers dealing with the fundamental applications of lubricants to meet the challenge of lubricating space mechanisms are welcome. Lubricants that are of interest in this Special Issue include, but are not limited to, solids lubricants (bulk, coatings, composites), fluid lubricants, and greases. Theoretical and experimental studies are also of interest. Researchers working in space tribology and related fields are invited to submit their paper. Both academic and industrial contributions are welcome.

Guest Editor

Dr. Guillaume Colas

Institut Femto-st, CNRS UMR 6174, Department of Applied Mechanics,
24 rue de l'Épitaphe, 25030 Besançon, France

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Lubricants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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*.

Editor-in-Chief

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

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