



Tribology of Space Mechanisms

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

From the very beginning of space exploration, “space tribology” has been a specific field of competences in its own right. Over the last 70 years, researchers and engineers have developed a keen understanding of the fact that tribology in space is a real challenge.

This Special Issue aims to promote the current advances and future trends in the field of space tribology, which is not limited to vacuum tribology. Papers dealing with both fundamental and application-driven studies 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 solid lubricants (bulk, coatings, composites), fluid lubricants, and greases. Moreover, theoretical and experimental work are also of interest. Researchers working in space tribology and related fields are gratefully invited to submit their paper. Both academic and industrial contributions are welcome. Principal topics include, but are not limited to:

- Tribology;
- Space mechanism;
- Fluid lubricants;
- Grease;
- Dry lubricants;
- Vacuum;

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