



Green Propulsion: Present Solutions and Perspectives for Powering Environmentally Friendly Space Missions

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Deadline for manuscript
submissions:

closed (20 June 2023)

Message from the Guest Editors

This Special Issue aims to collect contributions in the area of the thermochemical propulsion for launchers and spacecraft operations, focusing on the assessment and on the reduction of the environmental impact deriving from propulsion systems. Potential topics include, but are not limited to:

- Impact evaluation of current propellants and related propulsion technology solutions on environment and involved workers
- Literature surveys, trade-off analyses, and evaluation studies on green propulsion solutions for spacecraft and launchers
- Experimental/numerical/theoretical activities related to green propulsion developments
- Solid, liquid (storable, cryogenic), hybrid thermochemical propulsion systems aiming at improving the sustainability of current and future space industry
- Peculiarities and relevant aspects characterizing the combustion processes of propellants for green propulsion systems
- Issues and improvements related to propellant lifecycle
- Evaluation of short- and long-term effects of combustion products on environment and humans
- Status advancement/final conclusions of projects, or part of them, concerning green propulsion topics.





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Message from the Editor-in-Chief

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