Special Issue

Space Trajectory Planning

Message from the Guest Editors

Space trajectory planning has a clear application background and distinctive interdisciplinary characteristics. It plays an important role in giving the desired path to the controller, in order to achieve good performance. Additionally, nowadays, space tasks tend to be more complicated with higher requirements. Specifically, with multiple constraints and objectives, trajectory planning is quite challenging This feature topic solicits papers focusing on the role space trajectory planning will play in advancing human exploration in the near-earth region as well as deep space, endeavouring to identify critical issues and provide feasible solutions in this field. Areas of interest include, but are not limited to, the following:

- spacecraft trajectory planning
- space trajectory optimization
- orbit dynamics and control
- dynamic trajectory planning
- multi-objective optimization
- space manipulator trajectory planning

Guest Editors

Prof. Dr. Jingrui Zhang

School of Aerospace Engineering, Beijing Institute of Technology, Beijing 100081, China

Dr. Keying Yang

School of Aerospace Engineering, Beijing Institute of Technology, Beijing 100081, China

Deadline for manuscript submissions

closed (31 December 2023)

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/153227

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

mdpi.com/journal/aerospace

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/journal/aerospace

MDPI

About the Journal

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.
Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)