

Special Issue

Laser Propulsion Science and Technology (2nd Edition)

Message from the Guest Editor

Laser technology has advanced significantly in the past decade, with novel high-power lasers and the development of the science of massive laser arrays, which may support fielded laser propulsion missions and applications. Some examples of such applications include interplanetary propulsion, interstellar propulsion, laser thrusters, laser tractor beams, and laser removal of orbital debris. This Special Issue of *Aerospace* will cover recent experimental, theoretical, and computational research on the use of lasers to produce thrust or impulse, focusing on the fundamental science of laser propulsion and related space technology applications. The Editor of this Special Issue invites papers describing chemical, engineering, physics, or other practical issues of laser propulsion science and technology.

Guest Editor

Dr. John Sinko

Department of Physics & Astronomy, St. Cloud State University, 720 4th Ave S., St. Cloud, MN 56301, USA

Deadline for manuscript submissions

closed (31 December 2025)



Aerospace

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.0



mdpi.com/si/208317

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

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





Aerospace

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.0



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



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, 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)