

Announcement of a Special Issue  
*Advances in Space Research*

**Space Sailing: Concepts, Technology, and Missions**

Papers are invited for a special topical issue of *Advances in Space Research* (ASR) entitled **“Space Sailing: Concepts, Technology, and Missions”**.

We welcome high quality and relevant manuscripts from all scientists involved in Space Sailing following the tradition of the two previous special topical issues published in 2011 and 2021. While the first two issues were focused on Solar Sailing, there are now a variety of competing suggestions to the traditional propulsion system which must carry fuel on the vehicle. The “propellant-less-propulsion” system includes a solar sail that is accelerated by the Sun’s electromagnetic flux, a magnetic sail, and an electric sail. The magnetic and electric sails extract momentum from the solar wind particles using the induced magnetic and electric fields, respectively.

This issue on Space Sailing will focus on recent advances in Space Sailing technologies and space sailing missions. Specific areas of interest include innovative space sailing concepts, mission design, hardware and enabling technologies, dynamics and control, modeling and testing, mission applications, and past, current, and future programs for space exploration with propellant-less propulsion. Articles related to exploring the Sun, the solar system, and a rendezvous mission to outer solar system bodies with propellant-less propulsion are welcome.

Papers must be submitted electronically to <https://www.editorialmanager.com/AISR>. To ensure that all manuscripts are correctly identified for inclusion into the special issue, authors must select **“Special Issue: Space Sailing”** when they reach the "Article Type" step in the submission process.

The general format for submission of papers can be found on the *ASR* Elsevier web site at <http://www.journals.elsevier.com/advances-in-space-research/>

Submitted papers must be written in English and should include full affiliation postal addresses for all authors. Only full-length papers will be considered for publication, subject to peer review by a minimum of two reviewers. There are no page limits although the length of the paper should be appropriate for the material being presented. While the deadline for submissions is **30 November 2025**, papers will be published electronically as soon as they are accepted. The printed issue will be assembled within a reasonable time with late papers being printed in regular issues of ASR. All articles will be typeset at no cost to the author. There is a charge for printing color figures; there is no charge for color figures on the electronic version.

**Dr. Roman Kezerashvili (rkezerashvili@citytech.cuny.edu)** is the Guest Editor for this special issue. Questions can be directed to **Dr. Kezerashvili**, or to the Co-Editor for Special Issues, Dr. Peggy Ann Shea (sssrc@msn.com).