

Announcement of a Special Issue of *Advances in Space Research*

Solar Sailing: Concepts, Technology, and Missions II

Manuscripts are solicited for a special topical issue of *Advances in Space Research* (ASR) on Solar Sailing: Concepts, Technology, and Missions.

This special issue will compile contributions on our current knowledge of solar sailing and focuses on recent advancements in solar sailing technologies, near-term solar sailing missions and the physics of solar sailing. Areas of particular interest include dynamics analysis and testing of solar sails, advanced materials and structural concepts of solar sails, hardware and enabling technologies, mission architectures and programs, navigation, control, and modeling. We anticipate that scientists and engineers from NASA, ESA, DLR (German Aerospace Center), JAXA (Japan Aerospace Exploration Agency), the aerospace industry and academic institutions from several countries will contribute manuscripts for this issue describing the results of the high quality research they are conducting, and presenting ideas for the future advancement of solar sailing. This issue will mark 100 years when the concept of solar sailing was first discussed and suggested.

The deadline for submission of papers is 1 March 2020. Papers must be submitted electronically through the EES/Elsevier Web system at <http://ees.elsevier.com/asr>. To ensure that all manuscripts are correctly identified for inclusion in this Special Issue, authors must select "Special Issue: Solar Sailing Advances" when they reach the "Article Type" step in the submission process.

Submitted papers must be written in English and should indicate full affiliation addresses for all authors. All manuscripts will be subject to a standard peer-review process, including at least two independent reviewers. There are no page limits, but the length of the paper should be appropriate to the scientific material being presented. Manuscripts should follow the general format used in ASR: (http://www.elsevier.com/wps/find/journaldescription.cws_home/644/authorinstructions).

Manuscripts will be accepted on a paper-by-paper basis and available on-line with a DOI a few days after acceptance. All articles will be typeset at no cost to the author, while a fee will be charged to the authors for color figures in print, but not in the electronic version. Accepted late papers due to submission delays or protracted refereeing will appear individually in regular issues of ASR. Open Access publication of individual articles is possible with payment of the Open Access charges.

Professor Roman Kezerashvili (rkezerashvili@citytech.cuny.edu) and Professor Bernd Dachwald (dachwald@fh-aachen.de) are the Guest Editors for this special issue. Questions can be directed to Professor Kezerashvili, Professor Dachwald or to the ASR Co-editor for Special Issues, Dr. Peggy Ann Shea (sssrc@msn.com).