



## **JOB OPENING: Postdoctoral Research Scientist in Theoretical and Computational Space Plasma Physics.**

The Space Science Institute (SSI) invites applications for a position of Postdoctoral Research Scientist in computational and theoretical plasma physics. The selected candidate will take a leading role in a NASA-funded research project centered on modeling of large-scale structure of electron distribution function in the solar wind and on understanding of the processes that shape this distribution. The candidate will have opportunities to contribute to other ongoing research efforts, such as modeling of collisionless shock waves in multi-component space and astrophysical plasmas using particle-in-cell methods or development of advanced numerical methods for modeling of kinetic behavior of plasma. The initial appointment is for 1 year, renewable for up to 3 years upon satisfactory performance and continued availability of funds. Selected candidate may have an option of remote employment.

**Qualifications:** A Ph.D. in space plasma physics or related fields is required prior to the start date of the position. Applicants should demonstrate the potential to publish high-quality research results in peer-reviewed journals, good communication skills, excellent work ethics, and the ability to work independently. Experience with numerical methods, high-performance computing, and/or strong background in plasma theory are highly desirable. Highly qualified candidates with background in related areas of physics or applied math will be considered.

This is a full-time position. SSI offers a generous benefits package including health, dental, vision, and (after 1 year of service) 403(b) retirement plans. In addition, the applicant will have the option to work remotely (with supervisor approval). Please visit [www.space-science.org/opportunities](http://www.space-science.org/opportunities) for more information.

**To Apply:** Please direct inquiries about the position to Dr. Vadim Roytershteyn, [vroytershteyn@space-science.org](mailto:vroytershteyn@space-science.org). Application materials should be submitted by email to [ssihr@space-science.org](mailto:ssihr@space-science.org) and cc'd to [vroyreshteyn@space-science.org](mailto:vroyreshteyn@space-science.org) with "Attn: Dr. Roytershteyn" in the subject line. Please include a curriculum vitae, cover letter, statement of research (max 2 pages), and a minimum of 3 references (including names and contact information).

**About Space Science Institute:** The Space Science Institute is a non-profit, public benefit corporation and operates as an equal opportunity employer. SSI headquarters are located in Boulder, CO, but the selected candidate may have an option of remote employment. SSI has been a pioneer in remote employment, a mode that has been particularly conducive to our researchers for whom the traditional university or research center is not a viable option. More information about SSI can be found at <http://www.space-science.org/>