

Post-Doctoral Research Fellow in Space Debris Identification and Tracking

The [Climate & Space Sciences and Engineering \(CLaSP\)](#) department at the University of Michigan, Ann Arbor has an opening for a post-doctoral research fellow.

Project description:

The detection of currently non-trackable orbital debris would enable safer operation of valuable government and commercial space assets. Research will focus on 1) developing novel methods to identify debris signatures, and 2) establishing techniques for the persistent monitoring of the debris distribution. To achieve this, extensive data from ground-based and in-situ observations, and hypervelocity impact (HVI) experiments will be investigated to develop a model to compare with HVI simulations.

Required qualifications:

Demonstrated strong plasma physics knowledge AND data analysis skillset.

How to apply:

Qualified candidates are encouraged to email Dr. Mojtaba Akhavan-Tafti (akhavant@umich.edu) with a cover letter and resume.

Deadline:

January 15, 2025.