



Scientific Data Analyst with the MAVEN Imaging UltraViolet Spectrograph Team

Summary. The Laboratory for Atmospheric and Space Physics (LASP) at the University of Colorado Boulder is seeking a talented data analyst to work with the Imaging Ultraviolet Spectrograph (IUVS) team on the MAVEN mission. The IUVS team has made important discoveries in the areas of Mars atmosphere, including escape and evolution, aurora, nightglow, photochemistry, composition, dynamics and cloud formation, and more discoveries are anticipated. The team is led by Nick Schneider.

Key Responsibilities: Data analysis and interpretation, scientific programming in python, IDL and other languages as needed, scientific interpretation and presentation of results at conferences and in publications. Comparison with numerical models and development of simulation software. Participation in data archiving and reporting activities. Mentoring junior team members and providing software support. Potential for work in mission planning activities.

Position Requirements: Bachelor's or Master's degree in astronomy, physics, computer science or related area. Experience in scientific programming including python or IDL. Experience working with remote sensing data, retrievals, image processing. Experience with graphical data representation and scientific visualization.

Desired Qualifications: Familiarity with planetary science, earth science or astrophysics through coursework or experience. Familiarity with scientific data formats. Familiarity with best practices for version control for code and data products. Experience with object-oriented programming.

Salary Range: \$55k-\$67k

Please apply by 19 May through <https://jobs.colorado.edu/jobs/JobDetail/?jobId=47666> which gives additional information about how to apply, the University, LASP, benefits, etc. CU/Boulder is committed to building a culturally diverse community of faculty, staff, and students dedicated to contributing to an inclusive campus environment. We are an Equal Opportunity employer, including veterans and individuals with disabilities.

