

## **Postdoctoral Research Position**

### **Computational and theoretical modeling of low temperature magnetized plasmas**

**Aeronautics and Astronautics**

**Stanford University**

The Plasma Dynamics Modeling Laboratory (PDML) in the Department of Aeronautics and Astronautics at Stanford University is seeking a postdoctoral research fellow. The position is focused on development of computational and theoretical models to understand the physics of low-temperature plasmas in cross-field discharges and high-power microwave sources.

The postdoctoral research fellow must have a Ph.D. degree in Physics or Engineering, with a particular focus in plasma science, rarefied gas dynamics, computational fluid dynamics, numerical modeling, or closely related fields. Expertise in developing kinetic (particle- and grid-based) and fluid models, preferably with experience in high-performance computing, is strongly desired. Highly motivated and hardworking candidates with a strong background in computational plasma and fluid dynamics are encouraged to apply.

More information about the research group is available at <https://pdml.stanford.edu/>

Applicants are invited to send a resume/CV, including a list of publications, a brief statement of research interests, and a list of three references to Prof. Ken Hara ([kenhara@stanford.edu](mailto:kenhara@stanford.edu)).

