

Postdoctoral Research Associate Position

The Department of Aerospace Engineering at Texas A&M University (<https://engineering.tamu.edu/aerospace>) is seeking a postdoctoral research associate in computational plasma physics. The position is focused on understanding the physics of partially magnetized plasmas in cross-field discharges, such as Hall effect thrusters.

Experience with computer simulations using hydrodynamic/continuum/fluid approaches (C/C++ or Fortran) and background in low temperature plasmas are strongly desired. Experience with particle-based kinetic models will also be considered. A Ph.D. or equivalent degree in an appropriate engineering or closely related discipline is required. Responsibilities include developing a plasma discharge model and working with graduate students involved in the project. The position will be for a duration of 12 months (potential options exist to extend), starting September 1, 2018 or earlier. Highly motivated and hardworking candidates with a strong background in computational fluid dynamics and plasma physics are strongly encouraged to apply immediately.

Interested applicants are invited to send a CV, including a list of publications, and a brief statement of research interests to Dr. Ken Hara (khara@tamu.edu) or contact directly for inquiry.

