

Solicitation for Post-Doctoral Fellow in the Plasmadynamics and Electric Propulsion Laboratory at the University of Michigan

The Plasmadynamics and Electric Propulsion Laboratory (PEPL) at the University of Michigan (<http://pepl.engin.umich.edu/>) is seeking a post-doctoral fellow for a one-year appointment with the option for a second-year renewal. Responsibilities will include the development of laser-based diagnostics for characterizing low-temperature plasmas and the execution of experimental campaigns on electric propulsion systems---primarily Hall effect thrusters. The fellow also will be expected to work with graduate students and research scientists.

A background in optical diagnostics of low temperature plasmas with tools such as laser induced fluorescence, Thomson scattering, and interferometry is a requirement. Experience with electric propulsion systems is highly desirable but not required.

Interested applicants are invited to send a cover letter, CV, and two writing samples to the laboratory co-director, Prof. Benjamin Jorns at bjorns@umich.edu. Questions about the position similarly can be directed to this contact.