The Center for Predictive Engineering and Computational Sciences in the Oden Institute for Computational Engineering and Sciences at the University of Texas at Austin is searching for Postdoctoral Scholars in a number of domains relevant to high fidelity simulation of inductively coupled plasma torches. Applicants with a strong background in any of the following areas are sought: turbulence modeling and simulation, plasma kinetics, finite element and spectral methods, uncertainty quantification, exascale computing algorithms and technologies. Applicants must have a Doctorate in Science, Engineering, Computer Science, Computational Science, Applied Mathematics, or a related technical field. Candidates with prior software experience in large-scale parallel code development, MPI, C++, multi-threading, GPGPU programming, git revision control, and LaTeX are preferred.

To apply, please send a cover letter, current CV, and a list of three references to pecos_recruit@oden.utexas.edu.