

The new High Energy Density (HED) theory and simulation group at the Stanford Institute for Materials and Energy Sciences (SIMES) has an immediate opportunity for one or more postdoctoral researchers. We welcome candidates in a wide range of HED areas, including intense laser-plasma interactions, laboratory astrophysics, high-energy plasma astrophysics, plasma-based accelerators, and inertial fusion energy. The primary responsibility is to perform computational and theoretical research in the area of HED physics. We particularly encourage applications from candidates with interest in large-scale state-of-the-art plasma simulations and experience with particle-in-cell codes.

The start date is nominally expected to be in the Spring of 2015, but could be later. These are two-year postdoc appointments with the possibility of renewal based upon satisfactory job performance, continuing availability of funds, and ongoing operational needs.

The application review process will start 15 February 2015 and will continue until the position is filled. Applicants should send a CV, list of publications, and statement of research interests (preferably in pdf format) to Frederico Fiuza at fiuza@slac.stanford.edu. Applicants should also arrange for three letters of recommendation to be sent directly to the same address.