

Open Postdoctoral position, faculty mentor Hai Wang, Stanford University

We have an immediate postdoctoral opportunity to study fundamental gas-phase and multi-phase detonation problems. Research topics include, but not limited to, shock-droplet interactions, energy transfer mechanisms, self-assembly of reactive fronts, detonation-related reaction kinetics, modeling and simulation, and experiments. Opportunities exist to work with several external researchers in a multi-university research initiative setting. Knowledge of detonation gas dynamics and simulation is desired, but not required.

Required Qualifications:

- The candidate must have a PhD in engineering, physics, chemistry, or related fields;
- Experience with detonation simulations and/or experiments;
- Ability to work collaboratively with researchers of a variety of different backgrounds.

Required Application Materials:

- 1-page cover letter with a brief statement of research experience, interests, and career plans.
- An updated CV.
- Email and phone numbers of 2-3 professional references (one from candidate's primary research advisor). The references will be contacted for verbal and/or written recommendations with notice to the applicant.

Application Contact: haiwang@stanford.edu

Stanford is an equal opportunity employer and all qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other characteristic protected by law.