

Experimental Postdoc Position on Ultrafast Scattering from Interfaces at Stanford \ SLAC

A postdoctoral position is available to work in our group at the Stanford PULSE Institute (<https://ultrafast.stanford.edu/npi-non-periodic-ultrafast-x-ray-imaging>). Our new project aims to develop methods and study structural dynamics at solid-liquid interfaces using lab-based ultrafast optical techniques, ultrathin jets, synchrotrons, and X-ray free electron lasers. The successful candidate is expected to communicate the results in papers and conference presentations. We are looking for a passionate researcher that is highly motivated to succeed in a cutting edge challenging scientific front, with the commitment to work both independently and in a collaborative interdisciplinary research environment.

We seek candidates with the following qualifications:

- Demonstrated expertise in one of the following: surface X-ray techniques, X-ray scattering, X-ray optics and instrumentation, ultrafast optics, ultrafast molecular physics\chemistry.
- Strong background in data analysis \ algorithm development and experiment design.
- Education: A recently or soon to be completed Ph.D in physics, chemistry, materials, electrical engineering, or related field.

The start date is negotiable, the position carries an initial one-year term (renewable), with competitive salary and benefits according to Stanford guidelines. The deadline for applications is 15th November 2023. Applicants should send their CV, a list of potential references, and date of availability to Adi Natan (natan@slac.stanford.edu)

