

February 6, 2017

Vacancy Announcement

Postdoctoral Associate Position at HPCAT at the Advanced Photon Source

The Geophysical Laboratory, Carnegie Institution for Science (Carnegie), seeks applications for one postdoctoral associate in the field of high pressure synchrotron research at the HPCAT facility at the Advanced Photon Source, Argonne National Laboratory. As a dedicated high-pressure synchrotron facility, HPCAT has developed an array of x-ray diffraction, x-ray spectroscopy, and x-ray imaging techniques suited for high-pressure research. Successful candidates will work with the HPCAT team in materials research using x-rays, together with the new development of high-pressure x-ray techniques such as multigrain crystallography, high-energy diffraction microscopy, and/or time resolved techniques.

The appointment is for one year, with possibility for a second year pending the progress and availability of funds. The position is available immediately, and will remain open until it is filled.

- Minimum qualifications: A PhD in physics, chemistry, materials science or a related field is required at the time of appointment. Successful candidates are expected to be able to work in both independent and collaborative group environments.
- Desired qualifications: A strong background in crystallography will be strongly favored. Research experience in high-pressure materials science and good skills in scientific software and diamond anvil cell technology will be considered advantages.

Interested parties can submit an application with a cover letter, curriculum vita, research interests, and names of at least three references, via the Carnegie website. Only complete applications submitted via this Carnegie website will be considered. To submit an application, [click here](#).

The prospective researcher will be working at Carnegie's HPCAT facility at the Advanced Photon Source, Argonne National Laboratory. The Carnegie Institution for Science is an equal opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of gender, race/ethnicity, protected veteran status, disability, or other protected group status.