

Beamline Scientist and Postdoctoral Associate at the High Pressure Synergetic Center (HPSynC) at the Advanced Photon Source

The High Pressure Synergetic Center (HPSynC) invites applications for one beamline-scientist and one postdoctoral-associate positions at the Advanced Photon Source (APS), Argonne National Laboratory, USA. The HPSynC mission is to establish high-pressure environment at many APS beamlines for the users community. Responsibilities of HPSynC beamline scientists and postdoctoral associates include, but are not limited to, developing and integrating novel high-pressure synchrotron techniques, designing, testing, and implementing instrumentations, managing support laboratories, assisting users, and conducting original research.

Applicants must have a Ph.D. degree in physics, chemistry, materials science, Earth science, biophysics, engineering, or a related field. Expertise in high-pressure apparatus, cryogenics, laser and resistive heating, crystallography, nanotechnology, x-ray diffraction, x-ray spectroscopy, x-ray imaging, x-ray microprobe, instrument design, electronics, and/or software development for data acquisition and analysis is desirable. The beamline scientist position requires a minimum of two-year work experience after Ph.D. at synchrotron beamlines and/or high-pressure laboratories and outstanding R & D record.

Interested candidates should send a detailed CV, along with a list of publications, and the names and addresses of three references through the Argonne web site at <http://www.anl.gov/jobs> under job search for job openings. The beamline position is under the requisition number 311367 XSD, and the postdoctoral position under the requisition number 311443 XSD.

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