

Postdoctoral Appointee:

X-ray fluorescence microscopy goes in situ

*Microscopy Group / X-ray Science Division / Advanced Photon Source
Argonne National Laboratory - Argonne, Illinois 60439, USA*

We are immediately seeking a highly motivated postdoctoral researcher to create a comprehensive experimental x-ray fluorescence research program on functional materials. A primary goal will be to develop novel *in situ* capabilities that allow controlling the sample environment, such as temperature, fields, and/or reaction cells. The candidate will have the great opportunity to work on state-of-the-art x-ray micro- and nanoprobe in order to establish strong multi-length scale research. We want a candidate that aggressively pursues innovative independent research, participates in scientific collaborations, and helps user operation. The candidate must be able to work independently as well as in our dynamic research team. Demonstrated excellence in synchrotron-based x-ray fluorescence or closely related technique is required. The successful applicant must have completed a Ph.D. in physics or a related discipline, with a proven capacity for outstanding research that is reflected in a publication record.

Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC. Argonne's site is approximately 25 miles southwest of Chicago on a beautiful 1500-acre campus-like environment. Interested candidates should send a detailed CV, along with list of publications, and the names and addresses of three references through the Argonne website at <http://www.anl.gov/jobs> search for XSD 319348 Postdoctoral Appointee.

For additional technical information, please contact Dr. Volker Rose at vrose@anl.gov.

Argonne is an equal opportunity employer and we value diversity in our workforce.