

ATLAS Experiment

The High Energy Physics Division at Argonne National Laboratory (ANL) invites applications for a postdoctoral research associate position to work on the ATLAS experiment at the LHC. The successful candidate is expected to make significant contributions to physics and performance studies, as well as to take important roles in operations and upgrades.

The ANL group has strong expertise in silicon detector, Trigger/DAQ (TDAQ) system, and Software and Computing. The group is heavily involved in the detector operations and has several major upgrade activities including ITk Pixel and TDAQ. The group is also actively working on High Performance Computing (HPC) and machine learning (ML) developments. Physics analysis topics of the group includes Standard Model measurements, SUSY and other searches for new phenomena.

The candidates must have received their Ph.D. in experimental particle physics within three years of the start of the appointment. Applicants should send curriculum vitae, a description of research interests through the application system <http://www.anl.gov/careers/apply-job/postdoctoral-applicants> with Requisition Number 414255, and arrange for three letters of recommendation to hep_letters@anl.gov. For further information, contact Dr. Jinlong Zhang at zhangjl@anl.gov. Review of applications will begin once the application is completed and will continue until the positions are filled.

Argonne National Laboratory is an Equal Opportunity/Affirmative Action employer and women and minorities are encouraged to apply.