Staff Scientist Position

Argonne National Laboratory

The High Energy Physics (HEP) Division at Argonne National Laboratory has several openings for Staff Physicist positions and invites applications from outstanding candidates. The HEP division has experimental research programs in collider, neutrino and precision muon physics, and in cosmology with involvement in major experiments such as ATLAS at the LHC, CMB-S4, DUNE, LSST, Mu2e, Muon g-2, NOvA, and SPT-3G. At this time, we seek candidates to play leading roles in one or more of these experimental research thrusts, by engaging in data analysis, detector construction and operation. There will be various opportunities for the successful candidates to join other inter-disciplinary activities at Argonne, such as in applications of AI/ML methods and High-Performance Computing (HPC). We are primarily interested in candidates at the Assistant Physicist level (RD2: comparable to tenure-track assistant professor level) but outstanding candidates will be considered at Physicist level (RD3: comparable to tenured professor level) or higher. Preference will be given to applicants with expertise and experience in detector design and instrumentation, development, construction, commissioning and operation as well as data analysis.

Successful candidates will have:
- Doctorate in High Energy Physics or a related field
- 2+ years of postdoctoral experience
- Extensive knowledge of elementary particle physics and/or related areas with broad general scientific knowledge.
- Excellent ability to identify important research topics and to develope innovative methods for accomplishing research
- Considerable skill in the design and construction of experimental apparatus and in data analysis
- Good communication skills, both verbal and written as well as outstanding skill in developing good working relations with others

Applicants should send their curriculum vitae, a cover letter, and a statement of research accomplishment and interests through the Argonne National Laboratory application system http://www.anl.gov/careers with Requisition Number 410311, and arrange for three letters of recommendation to be sent to hep_letters@anl.gov. The positions are open until filled. For opportunity in the ATLAS program, contact Dr. Jinlong Zhang at zhangjl@anl.gov.