Postdoctoral Position in the Experimental Low-Energy Nuclear Physics Research (LER) Group at Argonne National Laboratory

The Low-Energy Nuclear Physics Research Group (LER) of the Physics Division at Argonne National Laboratory seeks outstanding individuals to fill an open postdoctoral position within the experimental Group. LER performs world-leading research in nuclear structure, nuclear astrophysics, fundamental symmetries, and nuclear data. The Group also manages and operates world-class detector systems as part of the ATLAS accelerator facility, a DOE supported national user facility for low-energy nuclear physics research. ATLAS provides world-unique rare isotope beams from either the CARIBU (Californium Rare Ion Breeder Upgrade) source or the ATLAS In-Flight Facility. In addition, members of the group are leading experimental programs at the Facility for Rare Isotope Beams (FRIB).

Candidates considered for the position must have:

- Recently received or near completion of their Ph.D. in nuclear physics or related discipline within the last 3 years.
- Experience at conceiving and executing experimental research projects, data analysis, physics interpretations, and reporting of the results.
- A strong background in the field of Experimental Nuclear Physics.

In addition, a preference will be given to candidates who express interest in at least one of the following areas: the single-particle foundations in nuclei, direct/transfer reactions with nuclei, and/or experiments with radioactive ion beams.

Information on the activities of the Group and the Division can be found at https://www.anl.gov/phy. The Argonne Physics Division has programs in low energy and medium energy nuclear physics, nuclear theory, nuclear data, accelerator R&D and operates the DOE Office of Nuclear Physics National User Facility, the Argonne Tandem-Linac Accelerator System (ATLAS).

The appointment will be for two years, with the possibility of an extension for up to 3 years depending on funding and performance. The expected starting date is between early to mid 2022. Interested applicants should apply at https://www.anl.gov/hr/postdoctoral-applicants and specify requisition #411513. In addition, please forward your CV and arrange for three letters of reference to be sent to Dr. Michael P. Carpenter (carpenter@anl.gov). Review of applicants will begin October 15, 2021 and the position will remain open until filled.

As an equal employment opportunity and affirmative action employer, and in accordance with our core values of impact, safety, respect, integrity and teamwork, Argonne National Laboratory is committed to a diverse and inclusive workplace that fosters collaborative scientific discovery and innovation. In support of this commitment, Argonne encourages minorities, women, veterans and individuals with disabilities to apply for employment. Argonne considers all qualified applicants for employment without regard to age, ancestry, citizenship status, color, disability, gender, gender identity, genetic information, marital status, national origin, pregnancy, race, religion, sexual orientation, veteran status or any other characteristic protected by law.

Argonne employees, and certain guest researchers and contractors, are subject to particular restrictions related to participation in Foreign Government Sponsored or Affiliated Activities, as defined and detailed in United States Department of Energy Order 486.1A. You will be asked to disclose any such participation in the application phase for review by Argonne's Legal Department.