High Energy Physics

University of Illinois at Urbana-Champaign

Postdoctoral Research Positions in Elementary Particle Physics

ATLAS Experiment

The High Energy Physics Group at the University of Illinois at Urbana-Champaign has an immediate opening for a postdoctoral Research Associate on the ATLAS experiment at CERN's Large Hadron Collider (LHC). The Illinois HEPG has active programs in theoretical, computational, observational, and experimental cosmology and particle physics and is growing significantly in these areas. The University of Illinois is a recognized leader in high-performance/high-throughput computing and hosts the National Center for Supercomputing Applications (NCSA) and the National Petascale Computing Facility (NPCF), where one of the world's most powerful supercomputers (Blue Waters) is located. The Illinois Group also hosts an ATLAS Tier-2 Computing Center.

The Illinois ATLAS group is broadly focused on searches for beyond-the-Standard Model physics and has strong interests and involvement in detector upgrades, including the Fast Tracker (FTK) upgrade to the ATLAS trigger system and the FTK++/L1Track Phase-II upgrades.

Successful candidates will be expected to play a leading role in ATLAS data analysis and upgrade activities. Qualified candidates will have or will be about to complete a Ph.D. in particle physics by the time of appointment and have strong experience in software and data analysis.

Applicants should send curriculum vitae, a statement of research accomplishments and interests, and arrange for at least three letters of recommendation to be sent via email to Prof. Mark Neubauer (msn@illinois.edu).

Applications received by **December 10, 2017** will receive full consideration**.** Review of applications will continue until the position is filled.

Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (http://www.inclusiveillinois.illinois.edu).