Postdoctoral researcher on the ATLAS Experiment

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Job #JPF05205
- School of Physical Sciences - Physics & Astronomy

RECRUITMENT PERIOD

Open date: March 18th, 2019

Next review date: July 19th, 2019
Apply by this date to ensure full consideration by the committee.

Final date: August 31st, 2019
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

DESCRIPTION

The experimental particle physics group at the University of California, Irvine invites applications for a postdoctoral research position to work on the ATLAS experiment at the CERN Large Hadron Collider, starting Summer or Fall 2019.

The researcher, based at CERN, will work primarily with Prof. Daniel Whiteson, and will contribute to searches for beyond-the-standard model particles and forces, as well as the development of GPU- and ML-based algorithms in offline software.

The ATLAS group at UCI consists of Profs Daniel Whiteson, Anyes Taffard and Andrew Lankford, and enjoys a close and fruitful relationship with the UCI theory and phenomenology group, as well as local experts in machine learning at the UCI Center for Machine Learning.

The applicant should have, or be about to gain, a Ph.D. in particle physics, and is expected to have experience from at least two years of active participation in a leading international particle physics experiment. The applicant should have expertise in data analysis techniques and software systems used in high-energy physics as well as Unix operating systems and the C++ programming language. Experience in modern deep learning and GPU programming is preferable.

Interested candidates should apply online at UCI's online application system: https://recruit.ap.uci.edu/apply/JPF05205

Informal inquiries can be directed to Prof. Whiteson at daniel@uci.edu.

Applications will be reviewed as they are received, and the position will remain open until filled.

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.