

# UNIVERSITY OF CALIFORNIA, IRVINE POSTDOCTORAL SCHOLAR POSITION EXPERIMENTAL HIGH ENERGY PHYSICS

The experimental particle physics group at UC Irvine invites applications for a Postdoctoral research position to work on the ATLAS experiment at the CERN Large Hadron Collider.

The UCI group consists of Profs. Andrew Lankford, Anyes Taffard and Daniel Whiteson. The group has a strong background in searches for physics beyond the Standard Model (SUSY, Higgs sector, Exotic). The group is actively involved in the operation and maintenance of Muon systems, Trigger and Data Acquisition and is engaged in the Phase-I muon upgrade (New Small Wheel) and in the High-Luminosity (HL-LHC) upgrade of the Level-0 a muon trigger using the Monitoring Drift Chambers (MDT) and the hardware track trigger (HTT).

The researcher is expected to make significant personal contributions to ATLAS physics analyses as well as the group's HL-LHC trigger upgrade program, and will work primarily with Prof A. Taffard. 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, C++ programming language and Python. Location will be at UCI and/or CERN based on needs and mutual agreement.

### *Application instructions:*

Interested candidates should apply online at the UC Irvine's online application system, RECRUIT, located at <https://recruit.ap.uci.edu/JPF05951>

Candidates must submit in pdf format:

1. Cover letter
2. Curriculum Vitae
3. Research statement
4. Three Reference Letters (to be submitted by the reference writers).

For general information about this position, please contact Prof. Anyes Taffard, [ataffard@uci.edu](mailto:ataffard@uci.edu). Applications are being reviewed as we receive them. The position will remain opened until filled.

More information on the UCI HEP group can be found at:

<http://www.physics.uci.edu/>

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.