



Postdoctoral Scholar on the ATLAS Experiment

The experimental particle physics group at the University of California, Irvine invites applications for a postdoctoral scholar position to work on the ATLAS experiment at the CERN Large Hadron Collider, starting Spring 2020.

The researcher, based at CERN, will work primarily with Professors Andrew Lankford and Daniel Whiteson, and will contribute to searches for new phenomena, as well as playing a major role in recommissioning and operations of the CSC (cathode strip chambers) subsystem of the ATLAS Muon Spectrometer. Opportunities will also exist to work in development at the interface between the muon NSW (new small wheel) detector readout and ATLAS trigger and data acquisition and to application of machine learning in data analysis.

The ATLAS group at UCI, consisting of Professors Andrew Lankford, Anyes Taffard, and Daniel Whiteson, is actively engaged in the Muon Spectrometer, the Trigger and Data Acquisition System, and Software and Computing. It enjoys a close and fruitful relationship with the UCI theory and phenomenology group.

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 detector readout and/or trigger and data acquisition is highly preferred.

For general information about this position, please contact Professor Andrew Lankford at Andrew.Lankford@uci.edu.

Interested candidates should apply online at UCI's online applications system RECRUIT at <https://recruit.ap.uci.edu/JPF05966>.

Applications are being reviewed as 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.