

Postdoctoral Research Contractor on the ATLAS Experiment  
High Energy Physics Experiment Group,  
University of Massachusetts—Amherst

The High Energy Physics Experiment Group of the University of Massachusetts, Amherst, seeks applications for a postdoctoral research contractor position. The duties and opportunities are the same as those of a postdoctoral research associate but the successful candidate will be based at CERN on a full-time basis. We are deeply involved in the analysis of ATLAS data as well as in a number of detector upgrade and software projects. In particular, we have important contributions to both Phase-I and Phase-II muon trigger upgrades as well as to ITk. We are leading software developments in muon and track reconstruction. We are looking for a researcher to be primarily involved in reconstruction software for the muon spectrometer, with a particular focus on developing new code implementation in the context of ACTS for muon reconstruction as well as for wider ACTS development within ATLAS. Other activities can be discussed. The successful candidate must have completed a Ph.D. in particle physics or equivalent and demonstrated an aptitude for software development. Candidates should submit a letter of interest, curriculum vitae, and arrange to have three letters of recommendation sent to Prof. Stéphane Willocq ([stephane.willocq@cern.ch](mailto:stephane.willocq@cern.ch)). The review of applications will commence on July 15, 2022 and continue until the position is filled.