

The high-energy physics group at the Department of Physics & Astronomy (PA) at Michigan State University is seeking two research associates to work on the ATLAS experiment at the Large Hadron Collider (LHC) at CERN. The MSU group on ATLAS is currently involved in the maintenance and operation of the ATLAS Tilecal hadron calorimeter and in the Phase 2 Tilecal and L1Calo upgrade. The physics activities for one position will include Higgs boson studies, especially in the diphoton and $b\bar{b}$ (boosted) final states. The physics activities for the other position will focus Exotic searches and Standard Model measurements in leptonic final states, as well as the combination of heavy resonance searches. A Ph.D. or equivalent in high energy physics is required. We anticipate that this position will involve frequent travel to CERN or residency at CERN. Salary will be in the range from \$68,000 to \$72,000. This position is listed on the MSU Applicant Page (<http://www.hr.msu.edu/hiring/msujobs.htm>), posting #499379. Applications should be uploaded to MSU's online job application site, <https://careers.msu.edu>, and should include a curriculum vitae and a description of research experience and interest. Applications will be reviewed starting May 16, 2019, and the search will continue until the positions are filled. Questions regarding these positions may be directed to: Prof. Joey Huston (huston@pa.msu.edu) and Prof. Daniel Hayden (daniel.hayden@cern.ch). MSU is an affirmative-action, equal-opportunity employer and is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.