

POSTDOCTORAL RESEARCH CONTRACTOR POSITION

Experimental High Energy Physics University of Toronto

Applications are invited for a postdoctoral research contractor based at CERN with the University of Toronto Experimental High Energy Physics group. The opportunities and responsibilities of this position would be similar to those of a postdoc or research associate in our group, but the successful applicant will not be expected to work on campus in Toronto, and instead be resident at CERN full-time. Our group has an active research program as members of the ATLAS experiment at the Large Hadron Collider. The group plays a leading role in the analysis of ATLAS physics data, particularly in the areas of top-quark physics, Higgs physics and searches for exotic new particles. We are active in the maintenance and operations of the ATLAS liquid argon calorimeter. We are also a major participant in the HL-LHC upgrade of the central tracker to a tracking system, the ITk, consisting completely of solid-state sensors. We are an ITk strip module assembly site. The successful candidate will have demonstrated excellence in particle physics including one or more of the following areas: data analysis, experiment maintenance and operations, detector development and construction. They must have completed their Ph.D. in particle physics or related field. The position is available from August 2021. If COVID restrictions make it unreasonable to start at CERN that early, it may be possible to take up the position from elsewhere, with the understanding that the candidate would be based in Geneva as soon as practical after COVID restrictions ease. Subject to satisfactory performance, the initial term would be for three years and could be renewed for an additional two years, for a total of five. Candidates should supply a resume, a description of research interests and three letters of reference, to **Ms. Crystal Liao, Department of Physics, University of Toronto, 60 St. George St., Toronto, Ontario, M5S 1A7, Canada**. Applications may be submitted by email to cliao@physics.utoronto.ca. For information about the position send email to william@physics.utoronto.ca. The review of applications will begin on July 1, 2021, but applications will be accepted until the positions are filled.