

07 February 2020

The University of Victoria Particle Physics Group invites applications for a Postdoctoral Fellow position working on the ATLAS experiment at the CERN LHC.

The ATLAS group at Victoria consists of over twenty-five scientists including six faculty members -- Justin Albert, Richard Keeler, Bob Kowalewski, Rob McPherson, Michel Lefebvre and Randall Sobie -- making significant contributions to ATLAS liquid argon calorimetry, muon spectrometer, high-level trigger, computing and physics analysis. The group is also active in the design and construction of upgrades of ATLAS liquid argon calorimeter electronics and the new small wheels for the muon end-caps. An essential component of group activities includes physics analysis using ATLAS data. The group is currently active in physics with leptons, jets, and missing energy, including topics such as search for dark matter, supersymmetry, BSM Higgs decays and anomalous vector boson couplings.

**In addition to analysis of ATLAS collision data, the successful candidate will be expected to take a leading role either on the ATLAS New Small Wheel (NSW) upgrade project, with emphasis on the CERN-based testing, integration and commissioning of the small-strip thin-gap chambers (sTGC), or in upgrade activities for the ATLAS Liquid Argon Calorimeter readout electronics.**

The candidate should have a PhD in experimental particle physics by the time of the appointment. Experience in particle detector design, construction, readout electronics, data-acquisition and data analysis would be useful for the position. The position will be based at CERN. The starting date will be negotiated with the successful candidate.

Candidates should send a CV and arrange to have at least three letters of recommendation sent to:

Professor Rob McPherson  
Dept. of Physics and Astronomy  
University of Victoria  
PO Box 1700 STN CSC  
Victoria, BC, CANADA V8W 2Y2  
Fax: +1.250-721-7752  
Email: [pwhite@uvic.ca](mailto:pwhite@uvic.ca)

The preferred method of correspondence is via email to Peggy White at:

[pwhite@uvic.ca](mailto:pwhite@uvic.ca)

Please clearly indicate that you are applying to the ATLAS PDF position in any correspondence.

**Review of applications will begin on March 1st 2020 and will continue until the position is filled.** All qualified candidates are encouraged to apply.