

03 August 2018

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, and BSM Higgs decays.

The successful candidate will be expected to take a leading role 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), as well as the possibility of ATLAS data analysis.

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

The preferred method of correspondence is via email to:

pwhite@uvic.ca

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

Applications will be accepted until the position is filled. All qualified candidates are encouraged to apply.

