



The High Energy Physics group at the University of British Columbia in Vancouver, Canada, has an opening for a Postdoctoral Fellow position on the ATLAS experiment.

The UBC ATLAS group is focused on searches for a wide range of physics beyond the standard model, precision measurements in the top sector and has a strong involvement in the development of tracking systems and the use of machine learning techniques in particle physics. The group played a leading role in the design, construction and operation of the readout system of the current Inner Detector, and for the alignment, software, and overall operation of the experiment's present tracking system. We also have a significant effort in construction of the new inner tracker strip detector (ITk) and its readout system.

Qualified candidates must have a Ph.D. in particle physics by the time of appointment. The successful candidate will be expected to play a leading role in the development of the ITk strip readout system as well as the group's physics analysis efforts. The ideal candidate would have a strong interest and/or experience in high-speed electronics design using FPGAs, and an ability to lead data analysis efforts. The position will be based at UBC, with frequent travel to CERN as needed.

All qualified persons are encouraged to apply. Interested individuals are asked to submit via email a cover letter including a research statement, a CV, and arrange to have 3 reference letters sent to either Prof. Colin Gay (cgay@physics.ubc.ca) or Prof. Alison Lister (alister@physics.ubc.ca). Applications received by **April 12, 2019** will receive full consideration. Review of applications will continue until the position is filled. Please contact Profs. Gay or Lister for further information.

Salary will be competitive, and dependent upon experience.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.