

May 23, 2017

Detector technologist for particle physics research at the University of Victoria

Job description:

The Victoria Subatomic Physics and Accelerator (VISPA) Research Centre based at the University of Victoria is inviting applications for a detector technologist.

Researchers in VISPA are involved in national and international projects studying the nature of the universe. We design and construct instruments for the detection of particles created during the collisions of particles at accelerators such as the Large Hadron Collider at the CERN Laboratory in Geneva. We also build components for accelerator facilities such as the ARIEL facility at the TRIUMF Laboratory in Vancouver, as well as for non-accelerator-based subatomic and particle astrophysics projects. The candidate will support projects from research institutions across Canada.

The group is looking for a candidate with an MSc or PhD in experimental particle or nuclear physics. The candidate will ideally have experience in particle detector development, electronics, and data acquisition and analysis. Further, the candidate should be familiar with particle detector simulation programs (such as GEANT4) for the study and design of detectors or accelerator components.

The candidate should have an MSc or PhD in experimental particle physics by the time of the appointment. They should be familiar with the particle physics environment and possess the relevant skills for the position. The position will be based at the University of Victoria and may involve some travel. The position is a term position supported by research funds and the continued support will be dependent on the renewal of those funds.

The review of applications will begin on July 15, 2017 and will continue until the position is filled.

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

Professor Randall Sobie
c/o Ms. Peggy White
Dept. of Physics and Astronomy
University of Victoria,
PO Box 1700 STN CSC
Victoria, BC
Canada V8W 2Y2

The preferred method of correspondence is via email to: vispa@uvic.ca

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.