

HEP computing research associate at the University of Victoria

The University of Victoria Particle Physics Group invites applications for a Postdoctoral Fellow position to work on computing and data challenges for the next generation of HEP experiments at the LHC, B-factories and other projects.

The group at Victoria is actively involved in computing projects that are being addressed by the international HEP computing through the HEP Software Foundation (HSF) and Worldwide LHC Computing Grid (WLCG) organizations.

The group at Victoria has strong efforts in distributed cloud computing and is exploring the use of containers for HEP workloads. The group is investigating the use of data federations for wide area data management and is exploring object storage for large scale storage. The group is also actively involved in high-speed networks for our production facilities as well as R&D projects. The results of our projects are deployed in production systems for the ATLAS and Belle II experiments in Canada and abroad.

The candidate should have a PhD in experimental/computational particle physics by the time of the appointment. They should be experienced with the use of HEP software and analysis techniques, and have good programming skills. The successful candidate is expected to take a key role in our R&D efforts in the context of the international efforts into the next generation computing challenges.

The position will be based at the University of Victoria and be for a two-year period.

Applications will be reviewed as they are received.

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
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Victoria, BC,
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The preferred method of correspondence is via email to: pwhite@uvic.ca