



Postdoctoral Researcher – Hyper-K

[TRIUMF](#) is Canada's particle accelerator centre, and one of the world's leading laboratories for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business.

At TRIUMF, we're passionate about accelerating discovery and innovation to improve lives and build a better world. Equity, diversity, and inclusion are integral to excellence and enhance our ability to create knowledge and opportunity for all. Together, we are committed to building an inclusive culture that encourages, supports, and celebrates the voices of our employees, students, partners, and the people and communities we serve.

The [Hyper-Kamiokande](#) (Hyper-K) project is an international collaboration to create a large-scale water Cherenkov detector, located at Kamioka Observatory in Japan. In support of this collaboration, TRIUMF is currently accepting applications for a Postdoctoral Researchers to join the HyperK-Canada group. This successful candidate will take a leading role in the design of the Intermediate Water Cherenkov (IWCD) project for Hyper-K and will be expected to:

- Develop the multi-PMT system for Hyper-K IWCD
- Design the IWCD detector and its calibration, including the CERN beam test
- Contribute to the Super-K and/or EMPHATIC operation and data analysis

Applicants must have a Ph.D. in particle or nuclear physics that was awarded in the last 5 years or that will be awarded in the near future. Applicants must have extensive knowledge in detector hardware and simulation. The ability to problem solve based on physics principles in a systematic way and strong communication skills are required.

This grant funded position will be based at TRIUMF, and the term of employment will be based on an initial commitment of one year. This may be renewed for a second and third term, based on mutual satisfaction and continued grant funding. Salary will be competitive depending on experience.

When submitting your application as detailed below, please include a detailed CV with a list of publications, and arrange for 3 letters of recommendation to be sent directly to the email below.

TRIUMF is an equal opportunity employer, and we welcome applications from all qualified candidates. Your complete application package should be submitted by email to recruiting@triumf.ca and will include the following in one complete PDF file:

- Subject line: Competition 736
- [Employment Application Form](#)
- Cover letter indicating salary expectations
- CV

Applications will be accepted until December 1, 2019

It is important to note that due to operation necessity, TRIUMF will as needed, make hiring decisions that could pre-empt the application closing date. Accordingly, we suggest candidates submit expressions of interest in a timely fashion.