



## Postdoctoral Researcher – T2K

Comp. #652

[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.

The [T2K-Canada](#) project is a flagship particle physics project at TRIUMF and in Canada, investigating neutrino oscillations. We are currently accepting applications for a Postdoctoral Researcher, who will primarily work on advancing long baseline neutrino oscillation research on T2K, SK, E61, and HyperK.

The successful candidate will take a leading role in the design of the E61 project, including multi-PMT development, and will also be involved in the operation and analysis of ongoing projects. The successful applicant will also be expected to:

- Participate in the design of the E61 detector and its calibration, including the detector for the Fermilab beam test
- Contribute to the T2K and/or SK operation and data analysis
- Supervise undergraduate and graduate students;

Applicants must demonstrate systematic problem-solving skills based on physics principles, knowledge in detector hardware and simulation, and strong oral and written communication skills. Qualifications include a recent Ph.D. in nuclear or particle physics, and those individuals who are expecting to complete a PhD within two months are also encouraged to apply.

This grant funded position will be based at TRIUMF and the term of employment will be two years, with the possibility of extension for an additional year. When submitting your application as detailed below, please include a detailed CV with a list of publications, and arrange for 3 letters of recommendation or reference to be sent directly to the email below.

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

- Subject line: Competition 652
- [Employment Application Form](#)
- Cover letter indicating salary expectations
- CV

**Applications will be accepted until 2018-08-12**