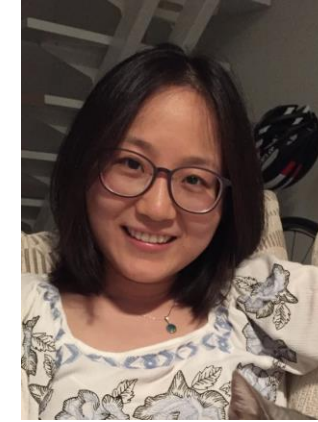


## Personnel Changes:

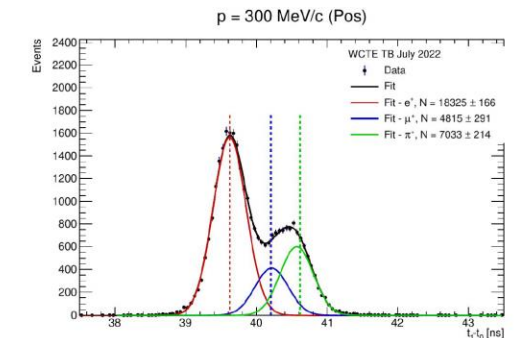
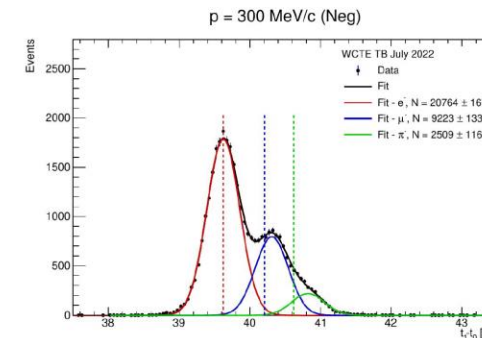
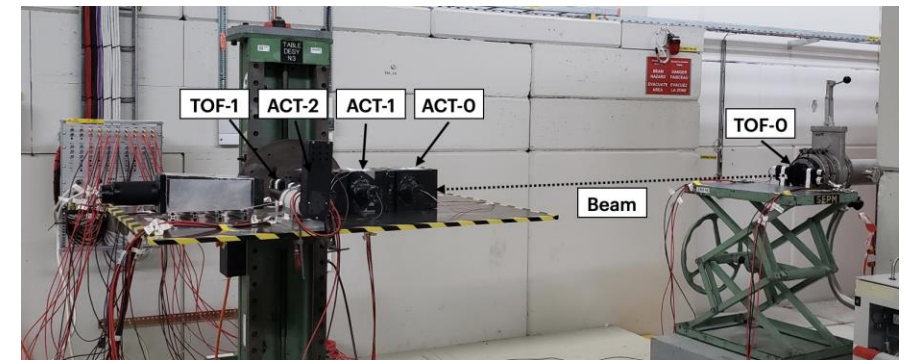
- After successful BAE search, Xiaoyue Li has joined TRIUMF!
- Postdoc Ryosuke Akutsu has moved to an assistant professor position at KEK
- We are in the process of hiring new postdocs



## Research:

- Submitted CFI-IF funding request for contributions to the Hyper-K detector including mPMTs, photogrammetry and water quality monitoring systems
- Submitted HK NSERC Discovery Grant application
- Took beam data at CERN in preparation for the Water Cherenkov Test Experiment (WCTE)
  - Measurements of secondary beam indicate we don't need a tertiary production target, simplifying the experiment

## T9 Beam Measurement



- EMPHATIC experiment Phase-Ib with TRIUMF designed/built ARICH detector and magnet took data in June
  - TRIUMF postdoc M. Pavin working with U. Regina collaborators on analysis of this data
- Final preparations are being made to start production of 50 mPMTs in early 2023
- Photogrammetry camera housing prototype with glass dome and acrylic dome built and tested
- FiFish V6 Pro ROV with acoustic location system tested at UBC aquatic center
- Simulation of beacon LEDs for photogrammetry in WCTE is prepared

## EMPHATIC Experiment

