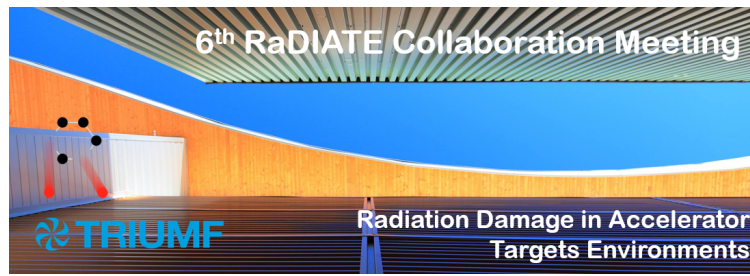


## 6th RaDIATE Collaboration Meeting



Contribution ID: 39

Type: Oral presentation

# TRIUMF Irradiation Capabilities

*Monday, 9 December 2019 15:45 (25 minutes)*

TRIUMF had been operating high intensity proton beams at  $>100 \mu\text{A}$  and 480-500 MeV over 40 years for producing pion, muon, neutron, radioactive ion beams and medical isotopes. During this time many radiation damage effects have been observed and measured. The highest fluences are on the meson production targets at about  $10^{23}$  protons/cm<sup>2</sup> per year. TRIUMF has several locations for proton irradiation studies and these will be described along with a few examples of radiation damage measurements.

**Primary author:** Dr BLACKMORE, Ewart (TRIUMF)

**Presenter:** Dr BLACKMORE, Ewart (TRIUMF)

**Session Classification:** 3rd Oral Session