$ft$ value of the mirror nucleus $^{19}$Ne SMARAJIT TRIAMBAK, TRIUMF, THE 8PI COLLABORATION — The mirror nucleus $^{19}$Ne provides excellent opportunity to probe for physics beyond the Standard Model. The decay of polarized $^{19}$Ne has been studied previously to set limits on right-handed and second-class currents, beyond the minimal Standard Model. In addition, the best experimental limit on $T$-violating interactions from weak decays also comes from the decay of $^{19}$Ne. In this talk we will present preliminary results from a recent experiment performed at TRIUMF to measure the $ft$ value of the decay of $^{19}$Ne with improved precision. This result will allow for more stringent constraints on exotic interactions that are not predicted by the Standard Model.