

Inaugural US Muon Collider Meeting

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Neutrino Tridents at Future Neutrino Factory : Synergy with Muon Collider

A precision measurement of rare processes such as Neutrino Tridents can be a powerful probe for physics beyond the standard model. While the near-future neutrino experiments are optimistically sensitive only to a handful of events in some channels, we will discuss how a future neutrino factory can be sensitive probe to these rare processes especially for tau-tridents. A future neutrino factory will be a great tie into the future high-energy muon collider program, where the neutrinos from energetic muon beam will increase the event yield for tridents.

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