

Abstract Submitted
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Colliding neutrino beams REINHARD SCHWIENHORST, Michigan State University — Neutrino oscillation experiments tell us that neutrinos have mass. However, they don't tell us what mechanism is responsible for producing this neutrino mass. Current or planned neutrino experiments utilize neutrino beams and long-baseline detectors to explore flavor mixing but do not address the question of the origin of neutrino mass. In order to answer that question, neutrino interactions at much higher center-of-mass energies are required. I will describe several possibilities for neutrino beams to be used in colliding beam configurations.

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