

Single and double beta decay: Probing neutrino mass and nature in the laboratory

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The absolute mass and fundamental nature of the neutrino are still undetermined. Beta decays are unique tools to probe them in the laboratory. While the kinematics of single beta decay enable model-independent measurements of the neutrino mass, the observation of neutrinoless double beta decay would identify neutrinos as Majorana particles. In this talk, I will present the current status, latest results, and future prospects of direct neutrino mass and double beta decay experiments.

Collaboration you are representing

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