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CEvNS as a probe of new physics

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Coherent elastic neutrino-nucleus scattering (CEvNS) is a standard model (SM) process that has been observed by the COHERENT experiment in recently years.The observation of CEvNS also opens a new window to probe new physics beyond the SM at low energies. In this talk, I will discuss several studies of searching for new physics at CEvNS experiments, which includes the measurement of low energy quenching factor and the reactor neutrino fluxes below the IBD threshold.

Collaboration (if any)

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