

New physics implications of COHERENT CsI+LAr data

Wednesday, 22 March 2023 11:30 (15 minutes)

The observation of coherent elastic neutrino nucleus scattering (CEvNS) has opened the window to many physics opportunities. In this talk I will discuss the implication of the observation of CEvNS by the COHERENT Collaboration using two different targets, CsI and argon, on several new physics scenarios. These include neutrino nonstandard interactions and the most general case of neutrino generalized interactions, as well as new light mediators.

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