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Physics opportunities of coherent elastic neutrino-nucleus scattering experiments

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An ongoing program for additional measurements of coherent elastic neutrino-nucleus scattering (CEvNS) is currently under development. Experimental facilities include nuclear power plants, multiton dark matter detectors as well as Ge and NaI detectors at the spallation neutron source. These experiments will provide information on nuclear properties, standard model parameters and the possible presence of new physics. In this talk I will discuss some of these opportunities including the possibility of using these facilities for axion-like particle searches.

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