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## Coherent elastic neutrino-nucleus scattering experimental programs

*Sunday 5 September 2021 13:00 (30 minutes)*

Coherent elastic neutrino-nucleus scattering (CEvNS) is a process in which a neutrino scatters off an entire nucleus. Measurements will further the search for BSM physics and bring new insights to topics in nuclear physics and astrophysics. CEvNS has now been observed in CsI and Ar by the COHERENT collaboration. A number of experiments are pursuing further measurements, making use of a variety of neutrino sources and detector technologies. This talk will explore the physics reach of CEvNS experiments, the status of the current experimental program, and prospects for the future.

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