

# Physics potential of CEvNS in the Standard Model and beyond

*Wednesday 7 December 2022 11:00 (30 minutes)*

I will present the physics potential of the coherent elastic neutrino-nucleus scattering (CEvNS) process. I will first briefly review the status of current observations. Then I will comment about their implications for both precision tests of the Standard Model and for new physics in the neutrino sector. Finally I will discuss the relevance of these measurements for direct dark matter detection probes.

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**Session Classification:** Plenary

**Track Classification:** Plenary