

## CEvNS as a probe of new physics

*Friday 10 May 2024 16:50 (30 minutes)*

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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**Session Classification:** 03 - 中微子理论

**Track Classification:** 03 - 中微子理论