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Abstract for an Invited Paper
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Coherent Elastic Neutrino-Nucleus Scattering: the shape of things to come

JUAN I COLLAR, University of Chicago

I will review past and present efforts to detect coherent elastic neutrino-nucleus scattering (CEvNS), its importance in the context of the study of fundamental neutrino properties, and possible future technological applications. Ongoing and planned COHERENT activities at ORNL will also be discussed, with an emphasis on the experimental challenges ahead.