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COHERENT collaboration general talk

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Neutrinos are light neutral-charged particles that can only be probed via weak interactions. After almost 100 years of their first prediction, much is yet to be known about them, and learning more about neutrinos may answer broad questions in physics that are still open. Coherent elastic neutrino-nucleus scattering (CEvNS) is the process in which an atomic nucleus recoils from a scattered neutrino. Experimental observation of CEvNS took more than 40 years since it was predicted theoretically, and was first observed by COHERENT collaboration with a CsI[Na] detector in 2017. In 2020 COHERENT also first observed CEvNS on argon. COHERENT collaboration has many subsystems (active and planned) with the goal of detecting and understanding neutrinos. This is a general COHERENT talk in which results, as well as planned subsystems, will be discussed.