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COHERENT at the Spallation Neutron Source

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The COHERENT collaboration's primary objective is to measure coherent elastic neutrino-nucleus scattering (CEvNS) using the unique, high-quality source of tens-of-MeV neutrinos provided by the Spallation Neutron Source (SNS) at Oak Ridge National Laboratory (ORNL). COHERENT will deploy multiple detector technologies in a phased approach and will test the N^2 dependence of the cross section. This talk will describe COHERENT results, status and plans.

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