

Commissioning the COHERENT ge-mini Detectors

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The COHERENT High Purity Germanium detector array (ge-mini) is a dedicated low background CE ν NS experiment deployed at the Spallation Neutron Source (SNS) at Oak Ridge National Lab. The SNS delivers a pulsed source of neutrinos which provides an excellent suppression of steady state backgrounds as well as unique challenges in data acquisition. In this poster we will report on the commissioning of the ge-mini detector system as well as the data acquisition scheme put in place. We will highlight an initial look at background measurements in-situ as well as energy resolution measurements as we prepare nominal operations.

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