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## The CUORE and CUORE 0 experiments at LNGS

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The Cryogenic Underground Observatory for Rare Events (CUORE) is the first bolometric experiment searching for neutrinoless double beta decay that has been able to reach the 1-ton scale. The detector consists of an array of 988 TeO<sub>2</sub> crystals arranged in a cylindrical compact structure of 19 towers. The construction of the experiment and, in particular, the installation of all towers in the cryostat was completed in August 2016 and commissioning started in fall 2016. The experiment has completed the pre-operation phase and is currently in data taking. In this talk we will present the achievements of CUORE during the commissioning phase and the first results from the full detector run. Physics results from CUORE-0 will also be updated.

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