

Abstract Submitted
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The Ultra-Cold Neutron Facility at TRIUMF¹ LAWRENCE LEE, TRIUMF, JAPAN-CANADA UCN COLLABORATION — Construction of an Ultra-Cold Neutron (UCN) facility is nearing completion in the TRIUMF Meson Hall. The new 500 MeV proton beamline (BL1U) and neutron spallation target, which feeds the superthermal UCN source, was completed in Spring 2016 and is presently transitioning over to the commissioning phase. As well, the front end of the UCN source was installed and will also be undergoing commissioning tests. Installation of the full UCN source is scheduled for completion in late 2016 or early 2017, with UCN production planned for Spring 2017. A first experiment searching for the neutron electric dipole moment (nEDM) is also currently under development. The design and construction highlights, as well future plans for the UCN facility, will be presented.

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