

DNP20-2020-000981

Abstract for an Invited Paper
for the DNP20 Meeting of
the American Physical Society

Fundamental-symmetry tests at the dawn of the FRIB era¹

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Exotic isotopes in which the subtle effects of symmetry violations are amplified can serve as ideal testing grounds to search for physics beyond the Standard Model. New techniques paired with high-intensity radioactive beams allow increasingly stringent investigations of certain properties of the electroweak interaction, discrete symmetries, and the neutrino. I will discuss current efforts and the opportunities that will become available when FRIB comes online.

¹This work was performed under the auspices of the U.S. Department of Energy by LLNL under Contract DE-AC52-07NA27344 and was supported in part by the LDRD program at LLNL under project 19-ERD-011.