

Abstract Submitted
for the DNP16 Meeting of
The American Physical Society

Applied antineutrino measurements: synergies between short-baseline physics and reactor safeguards¹ TIMOTHY CLASSEN, Lawrence Livermore Natl Lab — The experimental neutrino community has put forth an incredible effort into designing a multitude of detection systems to meet the needs of the short-baseline neutrino program. There is significant overlap between the requirements for these detectors, and those of a detector designed for reactor monitoring through antineutrinos. Here we describe how such technology improvements provide opportunities to probe fissile isotope and fission daughter distributions, and their potential use for reactor physics and safeguards applications.

¹This work was performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344.

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Date submitted: 04 Jul 2016

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