

Abstract Submitted  
for the DNP12 Meeting of  
The American Physical Society

**Scattering of light from the liquid scintillator used in SNO+**<sup>1</sup> TIMOTHY MAJOR, University of Washington, SNO+ COLLABORATION — SNO+ is a double-beta decay experiment currently under construction in Sudbury, Ontario. It will contain approximately a kiloton of liquid scintillator loaded with a neodymium isotope that it is thought may undergo neutrinoless double-beta decay. To simulate events and to interpret data, it is important to understand how light scatters in the liquid scintillator, including the angular distribution of scattered photons. This talk will highlight the status of SNO+ and discuss a measurement of the distribution of scattered light from a sample of liquid scintillator.

<sup>1</sup>We'd like to acknowledge the support of DOE grant DE-FG02-97ER41020.

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Date submitted: 29 Jun 2012

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