

Abstract Submitted
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Status of the SNO+ experiment¹ JAREK KASPAR,
CENPA/University of Washington, SNO+ COLLABORATION — SNO+ is a large
liquid scintillator detector following the successful SNO experiment with liquid scin-
tillator replacing the heavy water. Located 2 km underground in Vale nickel mine
in Sudbury, Canada, the experiment will detect solar neutrinos including the pep
and CNO neutrinos, neutrinos from Earth, reactors, and supernovae. In addition,
the experiment will search for neutrino-less double beta decay by adding ^{150}Nd to
the scintillator. I will present the status of the experiment.

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