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Solar Neutrino Prospects with the SNO+ Experiment

Wednesday, 11 September 2013 19:30 (2h 30m)

SNO+ is a liquid scintillator neutrino experiment which will be housed at the SNOLAB facility in Sudbury, Ontario, Canada. The SNO+ experiment will probe many areas of neutrino physics including neutrinoless double beta decay, geo-neutrinos, reactor neutrinos, low energy solar neutrinos, and supernova neutrinos. This poster will focus on the sensitivity of SNO+ to solar neutrinos, specifically the pep neutrino. Implications of the pep measurement on light sterile neutrino models will be discussed.

Primary author: Ms O'SULLIVAN, Erin (Queen's University)

Presenter: Ms O'SULLIVAN, Erin (Queen's University)

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