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SNO+ status

Monday 13 June 2016 11:15 (30 minutes)

The SNO+ experiment is located at SNOLAB and is a multi-purpose scintillator neutrino detector. Currently the detector is being filled with water and prepared for commissioning. The first phase of the experiment will be the search for neutrinoless double beta decay with a 130Te loaded scintillator. Other physics goals include: lower energy solar neutrinos, reactor- and geo-antineutrinos as well as neutrinos from a potential nearby supernova. This presentation will give an overview over the experiment and give the current status.

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Session Classification: M1-4 Neutrinoless Double Beta Decay I (PPD-DNP-DTP) / Double désintégration beta sans neutrino I (PPD-DPN-DPT)

Track Classification: Particle Physics / Physique des particules (PPD)