

Progress of the PICO-500 Detector installation

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The bubble chamber approach of looking for spin dependent interactions between fluorine and dark matter has been quite impactful so far. The PICO collaboration is in the process of deploying PICO-500, a large 250 litre chamber filled with C_3F_8 at SNOLAB with an scheduled start of commissioning in late 2026. We will report on the design progress and the production aspects of the quality control and installation status of this new chamber at SNOLAB.

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