

The COUPP Dark Matter Search Experiment

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The COUPP collaboration* has revived the bubble chamber technique for use in WIMP dark matter search experiments. The first engineering run, which resulted in improved limits on spin-dependent WIMP-proton couplings, were reported in 2008 using a two kg target. Since then improvements including radiopurification efforts, cosmic ray vetos, design and construction of larger scale chambers (4kg, 20 kg and 60 kg), have been made which will allow the experiment to approach the forefront of sensitivity in the spin independent sector within the next year. This talk will focus on the developments since the first publication.

*<http://www-coupp.fnal.gov/>

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