

Contribution ID: 54

Type: **not specified**

The DEAP-3600 Dark Matter Experiment

Wednesday 10 April 2013 09:21 (12 minutes)

DEAP-3600 is a tonne-scale single-phase liquid argon dark matter experiment currently under construction at SNOLab, Ontario, Canada that will see first data in early 2014. This talk will discuss dark matter detection in single-phase liquid argon detectors, the DEAP-3600 detector design, and the calibration systems.

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Session Classification: Track 3

Track Classification: Parallel Track 3