

Contribution ID: 66 Type: Parallel Talk

Latest results from DEAP-3600

Wednesday 10 August 2022 14:20 (20 minutes)

The latest results from DEAP-3600 will be presented, including the best constraints on TeV-scale mass dark matter scattering in argon, and world-leading constraints on Planck-scale mass dark matter. DEAP-3600 is located at SNOLAB, 2 km underground in Sudbury, Ontario. This spherical detector consists of 3.3 tonnes of liquid argon in a large ultralow-background acrylic cryostat instrumented with 255 photomultiplier tubes. The broad physics programme of DEAP-3600 will be presented, including measurements and searches for new physics.

Collaboration name

DEAP

Author: VIEL, Simon (Carleton University)

Presenter: VIEL, Simon (Carleton University)

Session Classification: Dark Matter

Track Classification: Dark Matter