

# DEAP-3600

## Detection with light

DEAP-3600 uses a vessel of liquid argon to look for dark matter by sensing the ultraviolet light produced when the argon atoms are excited by particle interactions.

The light is detected by sensors that surround the vessel and analyzed to determine what type of particle caused it.

The spherical acrylic vessel in the centre of DEAP had to be shipped to the lab in orange-slice shaped pieces because it was too big to fit in the mine cage in one piece

