

Directional Detection for Dark Matter and Neutrino Physics

The Dark Matter Time Projection Chamber (DMTPC) collaboration has developed a direction-sensitive detector for tracking low-energy nuclear recoils. A large-scale version of this type of detector has great potential to make a definitive detection of dark matter, as well as interesting possibilities for solar-, geo-, and supernova-neutrino detection.

Author: Prof. MONROE, Jocelyn (MIT)

Presenter: Prof. MONROE, Jocelyn (MIT)