

Current status of the ReD experiment

Thursday, 25 October 2018 17:45 (15)

The REcoil Directionality project (ReD) aims at investigating a novel observable for directional dark matter detection in next generation liquid argon detectors. A small liquid argon dual-phase TPC of innovative design will be exposed to a neutron beam produced at the Laboratori Nazionali del Sud (LNS, Italy) Tandem accelerator to investigate “columnar recombination” effects.

Primary author(s) : SUVOROV, yury (UCLA)

Presenter(s) : SUVOROV, yury (UCLA)

Session Classification : Particle Physics: Astroparticle physics

Track Classification : Particle physics: astroparticle physics