

## Current status of the ReD experiment

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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)

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