Liquid argon is a very good detector target candidate for dark matter searching and neutrino experiment:

- Large light yield: 40 photons/keV;
- Very good n/γ discrimination ability;
- Dual phase LAr detector could achieve 0.5keVnr threshold;
- ....

The 22Na spectrum

Energy spectrum @87K

Dark counting rate

~ 0.2Hz/mm² @87K

Poster ID:6, On behalf of the LAr group.