



Contribution ID: 121

Type: **Parallel Flash talk**

## Physics potential with the DUNE ND-GAr detector

*Friday, 26 February 2021 11:50 (5 minutes)*

The ND-GAr, or Near-Detector gaseous argon detector, is one of the proposed components of the future DUNE near detector complex. It has been designed to achieve low detection thresholds and high acceptance. The ND-GAr characteristics make it an optimal detector to study neutrino interactions which is crucial for measuring leptonic CP violation. In this talk the physics potential of the ND-GAr detector will be presented.

### Collaboration name

DUNE collaboration

**Primary author:** BATTISTI, Federico (Oxford)

**Presenter:** BATTISTI, Federico (Oxford)

**Session Classification:** New Facilities