



Contribution ID: 380

Type: Oral

## EMC-effect in Drell-Yan process

The EMC effect or a modification of parton distributions in bound nucleons as compared to free ones, has been extensively studied during the last 30 years but its full understanding is still lacking. The COMPASS experiment at CERN will provide new results on the EMC effect, originating from the Drell-Yan process and studied in the 190 GeV  $\pi^-$  beam scattering on the ammonia and tungsten targets.

The present understanding of the EMC effect and experimental possibilities of COMPASS in this context will be discussed.

**Primary author:** Mr MITROFANOV, Evgenii (Olegovich)

**Presenter:** Mr MITROFANOV, Evgenii (Olegovich)

**Track Classification:** High Energy Physics