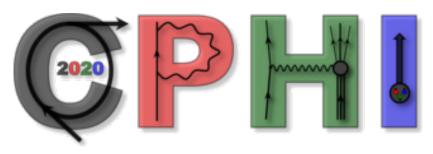
## Correlations in Partonic and Hadronic Interactions - 2020 (CPHI-2020)



Contribution ID: 31 Type: not specified

## **Drell-Yan measurements at COMPASS**

Tuesday 4 February 2020 14:25 (25 minutes)

COMPASS is a fixed-target experiment in operation at the CERN North Area (SPS, M2 beam-line) since 2002. An important part of the broad physics programme of the experiment is dedicated to the exploration of the transverse spin-structure of the nucleon, studying target transverse spin (in)dependent azimuthal asymmetries arising in the Drell-Yan cross-section.

In 2015 and 2018, COMPASS performed two years of Drell-Yan data taking, using a 190 GeV/c  $\pi^-$  beam impinging on a transversely polarized NH $_3$  target.

In this talk, recent Drell-Yan results from COMPASS will be presented along with prospects for ongoing studies.

Author: LONGO, Riccardo (Univ. Illinois at Urbana Champaign (US))

Presenter: LONGO, Riccardo (Univ. Illinois at Urbana Champaign (US))

Session Classification: Afternoon