## Sar WorS 2023 - 3rd Sardinian Workshop on Spin



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## TMDs and COMPASS Drell-Yan program

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Pion TMDs are not as well defined as their proton counterparts, due to a smaller amount of data collected from high energy scattering processes involving pions.

The recent measurements of unpolarized DY cross section taken at COMPASS with different targets could improve the current understanding of pion structures.

We have been investigating, together with the Pavia group and some members of the COMPASS collaboration, how these recent measurements

affect the extraction of pion TMDs for different targets, energies and kinematic ranges.

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