

Abstract Submitted  
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**Simulation Studies of the COMPASS DC56 Drift Chambers<sup>1</sup>** RAN

BI, None, COMPASS COLLABORATION — Measurements of single transverse spin asymmetries in pion induced Drell-Yan production will be carried out with the COMPASS spectrometer at the M2 beam line of the Super Proton Synchrotron (SPS) at CERN. For this measurement the COMPASS spectrometer requires two new large area tracking chambers. GARFIELD simulations were carried out in order to optimize the position resolution of the detector and to characterize the detector signal as input to the front end electronics development. The simulation of the gas transportation coefficients, electrical fields, electron and ion drift and signal development will be presented.

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None

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