

Abstract Submitted
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Single Transverse Spin Asymmetries in Drell Yan Production at RHIC LES BLAND, GERRY BUNCE, Brookhaven National Laboratory, MATTHIAS GROSSE PERDEKAMP, University of Illinois, MING LIU, Los Alamos National Laboratory, BEAU MEREDITH, University of Illinois, WERNER VOGELSANG, FENG YUAN, Brookhaven National Laboratory — We present the physics and experimental feasibility of single transverse spin asymmetry measurements in Drell Yan di-lepton production in polarized proton-proton collisions at the Relativistic Heavy Ion Collider at Brookhaven National Laboratory. The measurement will be sensitive to Sivers quark distributions and test recent fundamental theory predictions that the Sivers effect will be observed to be process dependent.

Matthias Grosse Perdekamp
UIUC

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