

HAW05-2005-000641

Abstract for an Invited Paper  
for the HAW05 Meeting of  
the American Physical Society

### **Longitudinal spin results from STAR**

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One of the main goals of the spin physics program at the Relativistic Heavy Ion Collider at Brookhaven National Laboratory is the precise determination of the spin-dependent gluon distribution function  $\Delta g$  over a wide kinematic range in the momentum fraction  $x_g$  by measurements of double spin asymmetries in collisions of longitudinally polarized protons at  $\sqrt{s} = 200$  GeV and  $\sqrt{s} = 500$  GeV. We report on preliminary results for the double longitudinal spin asymmetry  $A_{LL}$  in inclusive jet production at  $\sqrt{s} = 200$  GeV from an integrated luminosity of about 0.5 inverse pb and beam polarizations up to 45%. The jet transverse energies are in the range of  $5 < E_T < 20$  GeV. An overview of future longitudinal STAR measurements will be presented.