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Studying the Proton Spin at RHIC

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The historical picture of proton spin which emerged from Deep Inelastic Scattering (DIS) experiments is now being complemented and expanded by data from RHIC. The experiments STAR, PHENIX, BRAHMS and AnDY can be provided independently with both transversely and longitudinally polarized proton collisions, and examine such probes as jets, neutral pions, charged hadrons, and Z/Ws. By combining these results with previous DIS data, we can address the separate contributions of quarks, gluons, transversity, and orbital angular momentum to the spin of the proton. This talk will present an overview of the present results from RHIC and prospects in the near future.

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