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Abstract for an Invited Paper  
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**Nucleon spin structure results from Jefferson Lab**

XIAOCHAO ZHENG, Jefferson Lab

I will present results from recent analysis on the nucleon spin structure measurements at Jefferson Lab. The experimental data have now provided a precise mapping of the nucleon longitudinal spin structure from large to small distances. This achievement went in hand with important theoretical advances such as improvements in Chiral Perturbation Theory, the perspective for lattice QCD to compute structure functions, and the application of LightFront Holographic QCD to the nucleon spin structure. I will also give a brief outlook for the ongoing 12 GeV JLab program on the nucleon spin structure study.