

Spin Asymmetries of the Nucleon Experiment

The Spin Asymmetries of the Nucleon Experiment (SANE) is a measurement of the double spin asymmetries A_1 , A_2 and the spin structure functions g_1 , g_2 over a broad kinematic range of Bjorken scaling variable $0.3 < x_{\text{Bj}} < 0.8$, for four-momentum transfers $2.5 \text{ GeV}^2 < Q^2 < 6.5 \text{ GeV}^2$. The experiment measured inclusive double spin asymmetries using the TJNAF polarized electron beam with energies 4.7 and 5.9 GeV, scattered off the UVA polarized solid NH_3 target in both parallel and transverse configurations. The experiment took place from January to March of 2009. We will discuss the physics motivation for SANE and current status of the analysis.