The Solenoidal Large Intensity Device (SoLID) program in Hall A at Jefferson Laboratory

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The Solenoidal Large Intensity Device (SoLID) is a new solenoidal detector based on the CLEO superconducting magnet. By using Gas Electron Multiplier (GEM) trackers and a solenoidal configuration this spectrometer can run up to luminosities of $3.10^{39}.cm^{-2}.s^{-1}$. Three major programs are driving the program right now, the Parity Violation Deeply Inelastic Scattering (PVDIS), the Semi Inclusive Deeply Inelastic Scattering (SIDIS) and the threshold J/ψ production. I will present the different experimental setups and the expected results which will reach an unprecedented statistical accuracy.