



Contribution ID: 194

Type: **not specified**

## Spin Physics Opportunities at an EIC

A high luminosity polarized Electron-Ion Collider (EIC) with high and variable energy will offer unique opportunities to study the spin of the nucleon, its internal dynamics, and low-x phenomena. The nuclear science community aims to realize such a collider in the United States as an upgrade to either the existing Relativistic Heavy Ion Collider or the Thomas Jefferson National Accelerator Facility. This talk will discuss the status and scientific prospects for low-x and spin physics at such an EIC.

**Primary author:** SICHTERMANN, Ernst (Lawrence Berkeley National Laboratory)

**Track Classification:** Spin physics