



Contribution ID: 29

Type: **not specified**

Compton polarimetry for EIC

Thursday, 26 September 2019 15:40 (20 minutes)

Compton polarimetry is the prime candidate for electron polarization measurement since it is virtually invasive and can reach very good level of accuracy with best measurements at the 0.4 % level accuracy. It is especially suitable at high energy since the analyzing power grows with electron energy.

I will present the current Compton Polarimeters available at Jefferson Laboratory and also give a summary of the studies which were done for Compton Polarimetry in the context of the Electron Ion Collider.

Summary

I will present the current Compton Polarimeters available at Jefferson Laboratory and also give a summary of the studies which were done for Compton Polarimetry in the context of the Electron Ion Collider.

Primary author: CAMSONNE, Alexandre (Jefferson Laboratory)

Presenter: CAMSONNE, Alexandre (Jefferson Laboratory)

Session Classification: EIC

Track Classification: Polarimetry