



Contribution ID: 154

Type: **Parallel**

## Simulation of exclusive $\pi^0$ electroproduction on EicC

*Tuesday, 20 August 2019 15:25 (20 minutes)*

The kinematical coverage, statistical uncertainties of  $\pi^0$ -DVMP channel on EicC are studied using MC simulation. The detections of the final particles are preliminarily discussed. The low-energy Electron-Ion Collider in China would provide decent statistics of  $\pi^0$ -DVMP events. These data would help constrain the transversity GPDs and the polarized GPDs around small  $x$  and small skewness  $\xi$ .

**Primary author:** Dr WANG, Rong (Institute of Modern Physics, Chinese Academy of Sciences)

**Presenter:** Dr WANG, Rong (Institute of Modern Physics, Chinese Academy of Sciences)

**Session Classification:** Session 6: QCD and hadron structure

**Track Classification:** Session 6: QCD and hadron structure