Contribution ID: **113** Type: **Parallel talk**

Polarized internal target experiments with the EIC beams

Wednesday, 29 March 2023 08:40 (20 minutes)

A fixed target experiment, HERCULES, similar to HERMES but with 500 times higher electron-nucleon luminosity, at EIC will allow a big advance in hadron physics. The internal target with the polarized hadron beam also has an important physics program. The high intensity photon beam will allow to study photo-production of the $c\bar{c}$ excited states and recently discovered XYZ states. We will present the analysis of experiment luminosity and ideas on an initial physics program.

Submitted on behalf of a Collaboration?

No

Participate in poster competition?

No

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