EIC opportunities for Snowmass



Contribution ID: 4 Type: **not specified**

Light-front holographic ρ -meson parton distribution functions

Tuesday, 26 January 2021 12:50 (15 minutes)

We present the leading-twist parton distribution functions (PDFs) of the ρ -meson in the light-front holographic model which are found to be in accord with the Nambu-Jona-Lasinio (NJL) model and the light-front quark model predictions. We further study the QCD evolution of the PDFs. The positivity bounds on the PDFs are also discussed.

-- WITHDRAWN --

Primary authors: DAHIYA, Harleen (Dr. B.R. Ambedkar National Institute of Technology, Jalandhar); Ms KAUR, Satvir (Dr BR Ambedkar National Institute of Technology, Jalandhar); Dr MONDAL, Chandan (Institute for Modern Physics, Chinese Academy of Sciences, Lanzhou)

Presenter: Ms KAUR, Satvir (Dr BR Ambedkar National Institute of Technology, Jalandhar)

Session Classification: Hadron tomography at EIC and HEP

Track Classification: Hadron tomography