

Searching for Physics Beyond the Standard Model at the EIC

The Electron Ion Collider (EIC) is designed to further our understanding of hadronic physics. However, it could also provide opportunities to look for new phenomena beyond the Standard Model. In this talk, we will provide examples of such physics, with a focus on new light particles that may be associated with a dark sector. We will illustrate how the EIC can probe new model parameter space and complement searches in other experimental venues, over the coming decades.

Author: DAVOUDIASL, HOOMAN (Brookhaven National Laboratory)

Presenter: DAVOUDIASL, HOOMAN (Brookhaven National Laboratory)

Session Classification: Conference Talks