

Axion-Like Particles at the Electron-Ion Collider

We explore the searches for axion-like particles (ALPs) at the electron-ion collider (EIC) to be built at the Brookhaven National Laboratory. We propose search strategies with the production of diphoton in both coherent (elastic) and inelastic scatterings. We found the EIC embraces the possibility to extend the existing ALP searches.

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