

XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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Electron Ion Collider in China

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In this talk I will present an overview of the scientific opportunities that would be addressed by the Electron-Ion-Collider in China (EicC).

The polarized EicC will open up a new window to study the one and three dimensions (3D) nucleon structure for both sea and valence quarks and help fully understand the strong interaction.

In the first phase the EicC will be 3~ 5 GeV polarized electron on 12 ~ 25 GeV polarized proton (and ions about 12 GeV/nucleon), with luminosity $\sim 10^{33}$ /cm²/s . We will focus on discuss the EIC plan and its exciting physics potentials.

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