

Electroweak precision test through single spin asymmetries at the EicC

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Parity played a very important role in the development of the Standard Model (SM), as well as subsequent precision tests of the latter through a determination of the weak mixing angle. The longitudinal beam polarization of the proposed Electron-ion collider in China (EicC) offers a new possibility in this regard, and in a regime unexplored before. In this talk and based on our recent work, I will discuss how EicC helps in SM precision tests through the single spin asymmetries.

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