

Detectors for electron ion colliders

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Several plans for Electron-Ion Colliders (EIC) have been advanced around the world. In the US, the Nuclear Physics community, in its long range plan, has endorsed a US based EIC as its highest priority new construction after FRIB completion; R&D funds both for the accelerator and the detector are becoming available. I will discuss the considerations for an EIC detector and how they differ from other collider detectors and describe some of the existing detector concepts.

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