XII International Workshop on Ring Imaging Cherenkov Detectors - RICH2025



Contribution ID: 111 Type: Talk

Status and Performance of the GlueX DIRC

Monday, September 15, 2025 1:45 PM (20 minutes)

The GlueX experiment is located in experimental Hall D at Jefferson Lab (JLab) and provides a unique capability to search for hybrid mesons in high-energy photoproduction, utilizing a ~9 GeV linearly polarized photon beam. Since 2020 a Detector of Internally Reflected Cherenkov light (DIRC) has been in use at GlueX, utilizing components from the decommissioned BaBar DIRC. In this contribution we will discuss the status and performance of the GlueX DIRC with the data collected to date, including recent developments in the use of machine learning for particle identification.

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Session Classification: Cherenkov light imaging in current particle and nuclear physics experi-

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Track Classification: Cherenkov light imaging in current particle and nuclear physics experiments