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Jefferson Lab EIC (JLEIC) and Diffractive Physics

Saturday, 3 September 2016 12:00 (30 minutes)

The Electron-Ion Collider (EIC) is a project in the US aiming for start of physics in the mid-2020's. Jefferson Lab EIC (JLEIC) is one of the two proposed realization of the EIC and would use the existing 12 GeV CEBAF accelerator as a full energy injector. Attention has been paid to optimize the JLEIC accelerator, interaction region, and detector concepts for EIC physics measurements. I will describe the JLEIC design, with particular emphasis on diffractive measurements and forward detectors.

Primary author: YOSHIDA, Rikutarō (JLab)

Presenter: YOSHIDA, Rikutarō (JLab)

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