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Accelerator physics challenges for EIC

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The Electron Ion Collider is preparing now the design for the project baseline, to provide the high luminosity, polarization and flexibility for the EIC. This talk outlines the accelerator physics challenges including complex interaction region, flat hadron beams, beam cooling, high beam currents leading possibly to electron clouds and instabilities, and high beam polarization.

Funding Agency

Footnotes

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Primary author: PTITSYN, Vadim (Brookhaven National Laboratory)

Presenter: PTITSYN, Vadim (Brookhaven National Laboratory)

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