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Overview of EIC physics goals

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The newly proposed Electron-Ion Collider (EIC) with its unique capability to collide polarized electrons with polarized protons and light ions at unprecedented luminosity, and with almost all elements of heavy nuclei at high energy, will be the ideal and much needed facility to explore the emerging science of nuclear femtography, and take us to the next frontier of the Standard Model of physics. In this talk, I will provide an overview of EIC physics goals and challenges to reach them.

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