



Canadian Association  
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## (I) Electron-Ion Collider: Project Overview

*Tuesday 7 June 2022 08:30 (30 minutes)*

The Electron-Ion Collider (EIC) is a pioneering new particle accelerator that will be built on the current site of the Relativistic Heavy Ion Collider at Brookhaven National Laboratory. It will provide high energy collisions of polarized electrons with polarized protons and ions, allowing for experiments that probe the nature of strong interactions to unprecedented precision. The EIC Project has grown and evolved rapidly since the official launch by the U.S. Department of Energy in 2020. This talk will discuss the primary physics themes driving the EIC effort, the recent milestones achieved by the project and the efforts to establish two complementary detectors at adjacent interaction regions.

**Author:** FATEMI, Renee (University of Kentucky)

**Presenter:** FATEMI, Renee (University of Kentucky)

**Session Classification:** T1-6 Physics at the EIC Symposium: Electron-Ion Collider, An Overview (DNP) | Symposium sur la physique à l'EIC: collisionneur électrons-ions, un survol (DPN)

**Track Classification:** Symposia Day (Tues. June 7) / Journée de symposiums (mardi, le 7 juin): Symposia Day (DNP) - Physics at the Electron-Ion Collider (EIC)