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## Deep Inelastic Scattering in Nuclear Collisions

*Wednesday, 5 July 2023 15:20 (20 minutes)*

Deep inelastic scattering (DIS) is a key measurement in nuclear physics. One of the massive advantages of DIS is that powerful mathematical theorems—known as factorization—have been proven. We discuss the application of these theorems and effective field theory to collisions between electrons and protons and the potential extension of these theorems to collisions between electrons and nuclei, which will be relevant at the future eRHIC facility.

**Apply to be considered for a student ; award (Yes / No)?**

No

**Level for award;(Hons, MSc, PhD, N/A)?**

N/A

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