
Introduction to Session: Exclusive Reactions

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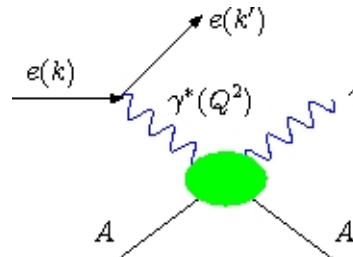
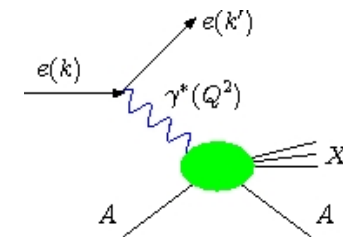
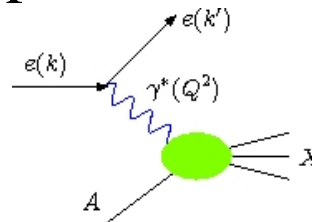


Workshop on Nuclear Chromo-Dynamic Studies with a Future EIC
Argonne National Lab, April 7-9, 2010

While planning the session, my idea was to discuss key processes and observables that probe the quark and gluon structure of nuclei, i.e., wider than simply *exclusive reactions*.

Similar physics manifests in different reactions -> natural to examine *simultaneously* different reactions/parton distributions

- Inclusive DIS/usual PDFs
- Diffraction in DIS/diffractive PDFs
- Exclusive processes/GPDs



Correspondingly, the program of the session:

- 1) L. Zhu, Extraction of the nuclear gluon distribution from nuclear structure functions F_2 and F_L
- 2) M. Lamont, MC generator for eA diffraction
- 3) S. Liuti, Review of nuclear GPDs
- 4) L. Frankfurt, Black disk limit of high energy eA scattering
- 5) I. Cloet, Medium modifications