



Contribution ID: 33

Type: **Oral presentation**

Exclusive production of heavy meson pairs: a novel tool for study of the partonic content of the proton.

Thursday 12 October 2023 11:45 (25 minutes)

In this talk we briefly overview various channels used for phenomenological studies of the partonic structure of the target, which is usually encoded in Generalized Parton Distributions (GPDs), and also summarize our recent theoretical studies of exclusive production of heavy mesons pairs (quarkonia and heavy-light D -mesons). We argue that at moderate energies (for example, in the kinematics of the future EIC), the production of quarkonia pairs might give important phenomenological restrictions for the gluon GPDs of the proton. Similarly, the production of the D -meson pairs is mostly sensitive to the GPDs of the light quarks of just one light quark flavour in ERBL region.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Yes

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Session Classification: Parallel Session 2

Track Classification: High Energy Particle Physics