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## Inclusive photoproduction of quarkonium pairs at the US EIC

venerdì 8 luglio 2022 18:50 (15 minuti)

We study the different mechanisms contributing to photoproduction of quarkonium pairs in NRQCD at the EIC, namely via unresolved and resolved photons. In the latter case, we study the relevance of double parton scatterings along the lines of our recent study on 4-jet photoproduction[1]. Like for the hadroproduction case [2,3,4,5,6,7], quarkonium-pair photoproduction probes, in different kinematical domains, very different interesting phenomena which will be made accessible at the future US EIC.

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- [5] H. S. Shao and Y. J. Zhang, Phys. Rev. Lett. 117 (2016) no.6, 062001.
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### In-person participation

Yes

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