

QCD@LHC2022

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Photoproduction of Inclusive and Exclusive Dijets at LHC

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Photoproduced dijets are a useful probe of gluon distributions inside nuclei. Recent ATLAS results from 2018 data are presented, showing the current progress in mapping these one-dimensional parton distributions with differential cross sections. To move forward in understanding higher order gluon distributions, the angular correlations of these gluons must be measured. CMS results from 2015 measuring such photoproduced dijet angular correlations are presented. Similar CMS studies on 2018 data will be done to improve upon these measurements.

Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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