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Photon-induced and proton-nucleus collisions in MadGraph5_aMC@NLO

Wednesday 30 November 2022 16:00 (15 minutes)

In this study, I am going to present the development of photoproduction at NLO in the fixed-order mode of MadGraph5_aMC@NLO where the photon is either coming from an electron or from a proton in an ultra-peripheral collision at the LHC. In addition, I will also present the development for asymmetric hadron collisions in order to provide predictions e.g. for proton-nucleus collisions

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.

Author: MANNA, LABONI

Co-authors: KUSINA, Aleksander; Dr FLORE, Carlo (IJCLab Orsay, Paris-Saclay U. / IN2P3-CNRS); KIKOLA, Daniel (Warsaw University of Technology (PL)); SHAO, Huasheng (Centre National de la Recherche Scientifique (FR)); LANSBERG, Jean-Philippe (Université Paris-Saclay (FR)); MATTELAER, Olivier (UCLouvain)

Presenter: MANNA, LABONI

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