

First look at photon-induced interactions

LHC could be seen as $\gamma+\gamma$ collider, because of high photon fluxes, which highly boosted protons radiate. As SM predicts, the rare collision between two photons needs to be mediated by some other object (l, q, W^\pm). The talk gives a short description of, how such things could be modeled, using the FPMC (Forward Physics Monte Carlo) generator and how it could be measured using ATLAS&AFP detector systems.

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