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## High Energy Factorisation matched to parton showers

*Wednesday, 20 September 2017 17:20 (20 minutes)*

We present a new framework to match parton-level all-legs High Energy Factorization calculations in proton-proton collisions to the CASCADE parton showers.

We then discuss its application to the phenomenology of inclusive four-jet production at the LHC, including the case of 2 jets + 2 b-tagged jets, discussing the contributions from Multi Parton Interactions.

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