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Precision LHC processes to O(1/Lambdaˆ4)

Monday 19 June 2023 09:45 (25 minutes)

The geometric re-organization of the SMEFT (geoSMEFT) has facilitated calculations of higher order corrections O(1/\Lambdaˆ4) and beyond to important collider processes. These higher order results can be used as laboratories for truncation uncertainty/EFT validity. In this talk, I will highlight some of the takeaway messages, focusing on O(1/\Lambdaˆ4) calculations of Drell Yan, associated Higgs production, and diboson production.

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no

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