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Type: **Talk**

Matching event generators and N3LO QCD calculations

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Precise and detailed QCD calculations are crucial for high-energy collider phenomenology. This very often entails a matching of (detailed) Monte-Carlo event generators and (precise) fixed-order calculations.

This contribution discusses a next step in high-precision event generators: N3LO+PS matching within the T(hird) O(rder) M(atched) T(ransition) E(vents) scheme. Further, a non-parametric issue of some lower-order matching schemes (that had to be amended at N3LO) is discussed.

Preferred track

Jets & QCD at High Scales

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