

Integrated subtraction terms and finite remainders for arbitrary massless QCD processes with jets at colliders using the nested soft-collinear subtraction scheme

The computation of higher-order corrections in QCD is complicated by infrared singularities, which must be isolated and cancelled to obtain a finite result.

I will present recent progress on the *nested soft-collinear subtraction scheme*, which provides a fully local and analytic subtraction for any QCD process with massless quarks and an *arbitrary number of jets* in the final state.

Author: TAGLIABUE, Davide Maria (KIT - TTP)

Presenter: TAGLIABUE, Davide Maria (KIT - TTP)