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CoLoRFulNNLO for LHC processes

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CoLoRFulNNLO is a completely local subtraction scheme for computing fully differential predictions in NNLO QCD. The method has been fully worked out for processes without colored particles in the initial state and has shown its many strengths when it was applied to three-jet production in electron-positron annihilation. In my talk, I will present the extension of the scheme to hadron initiated processes and show the first application of our method to key LHC processes.

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