

## HP2.3rd - The 3rd International Workshop on High Precision for Hard Processes at the LHC

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# NNLO jet cross sections by subtraction

*Wednesday 15 September 2010 14:30 (30 minutes)*

We report on recent progress in integrating the approximate cross sections over the phase space of unresolved partons of the general NNLO subtraction scheme of Del Duca, Somogyi and Trocsanyi. In particular, we discuss the computation of a class of integrals that arise when integrating the so-called iterated singly-unresolved approximate cross section. The integrated cross section can be written as the product of an insertion operator in colour space times the Born cross section. We give an overview of the methods used to calculate the integrals and show selected results for the insertion operator for processes with two and three hard partons in the final state.

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