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Monte Carlo techniques in small- x physics: Formal studies and phenomenology

Thursday 25 April 2013 12:20 (20 minutes)

We will discuss briefly our recent studies on the non-forward BFKL equation in the adjoint representation for the $N = 4$ SYM theory at both LO and NLO accuracy using Monte Carlo techniques. We will then demonstrate the potential of these techniques for phenomenological studies at the LHC.

Author: CHACHAMIS, Grigorios (IFIC (CSIC/UV) Valencia)

Co-author: SABIO VERA, Agustin (CERN)

Presenter: CHACHAMIS, Grigorios (IFIC (CSIC/UV) Valencia)

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