Recent developments and phenomenological applications of OpenLoops

Wednesday 24 April 2013 14:30 (30 minutes)

Summary

I will present the latest developments in OpenLoops, a fully general and automatic algorithm to compute one-loop scattering amplitudes. In addition to the most recent technical improvements, I will also discuss the interface of OpenLoops with general purpose event generators, and present some first applications to the phenomenology of the LHC.

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