

Two-loop amplitude reduction in the HELAC framework

Thursday 3 October 2024 14:00 (1 hour)

I will present recent progress in constructing a generic two-loop amplitude reduction algorithm within the computational framework of HELAC. Following the well-known OPP reduction approach at one loop, a two loop amplitude approach is developed. I will also discuss the differences between the $4-2\epsilon$ and pure 4 dimensional reduction fitting.

Presenter: SPOURDALAKIS, Aris