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On the μe-scattering at two loops

Tuesday 26 February 2019 18:00 (30 minutes)

In this talk I review the recent developments of the evaluation of the two-loop scattering amplitude μe —> μe. I focus my discussion on the implementation of the adaptive integrand decomposition algorithm and the interplay with available tools for the reduction and computation of multi-loop integrals. Furthermore, I comment on the progress made towards the renormalisation of the amplitude. Preliminary results are shown.

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