

Helicity amplitudes for QCD with massive quarks

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The novel massive spinor-helicity formalism of Arkani-Hamed, Huang and Huang provides an elegant way to calculate scattering amplitudes in quantum chromodynamics for arbitrary quark spin projections. In this talk I discuss the computation of two all-multiplicity families of tree-level QCD amplitudes with one massive quark pair and $n-2$ gluons. In these formulae the spin quantization axes can be tuned at will, which includes the case of the definite-helicity quark states.

Primary author: Dr OCHIROV, Alexander (ETH Zurich)

Presenter: Dr OCHIROV, Alexander (ETH Zurich)

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