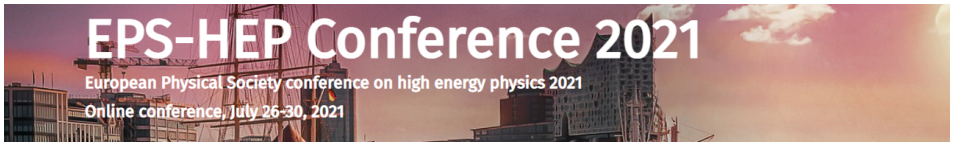

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Top quark contribution to two-loop helicity amplitudes for W/Z boson pair production in gluon fusion

We compute the top quark contribution to the two-loop amplitude for on-shell W/Z boson pair production in gluon fusion. Exact dependence on the top quark mass is retained. For each phase space point the integral reduction is performed numerically and the master integrals are evaluated using the auxiliary mass flow method, allowing fast computation of the amplitude with very high precision. Based on: 2009.03742 and 2101.12095

Collaboration / Activity

None

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