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Implementation of polarized $e^+e^- \to \gamma\gamma$ process in MCSANC

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We present implementation of $e^+e^- \to \gamma\gamma$ process in **MCSANC** project.

The dominant processes in the e^+e^- experiments are the processes of annihilation.
Possible alternative lumiprocess Bhabha is large angle photon-pair production and
annihilation to muon pair because the cross section value of the photon-pair production estimated for large angles is of the same order as that of Bhabha scattering.

We calculate full one-loop electroweak radiative correction with respect of all masses and taking into account polarization of initial beams. The results of the calculation are integrated in the Monte Carlo generator **MCSANC**.

We reached good agreement and present a comprehensive comparison
with results existing in the world literature, i.e.
at tree level with **CalcHEP**, **WHIZARD** and
at one-loop level without polarization effect with **BabaYaga@NLO**.

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