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Monte-Carlo event and background simulations for CMS experiment at LHC

The report reviews the results obtained using Monte-Carlo generators as part of the CMS group's analysis of the search for new physics in the muon pair channel. Both signal and background processes were simulated. In particular, the Drell-Yan processes and the Photon-Induced Background contributing to the signal at large invariant masses of the order of several TeV are considered.

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