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Exclusive Higgs production at the LHC

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After a brief description of the models of exclusive diffractive Higgs prodution, we first evaluate the theoretical uncertainties that affect the calculation of exclusive cross section (jets, Higgs...). In addition, in view of the recent measurement of exclusive dijet at CDF and the new implementation of the corresponding cross section in FPMC (Forward Physics Monte-Carlo), we developed an analysis strategy that can be used to narrow down these uncertainties with the help of early LHC measurement.

Authors: Ms DECHAMBRE, Alice (Universite de Liege); Mr STASZEWSKI, Rafal (SPP CEA Saclay and INP Polish Academy of Science); CHRISTOPHE, Royon (DAPNIA)

Presenter: CHRISTOPHE, Royon (DAPNIA)

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