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New results on Central Exclusive Production

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Central exclusive production (CEP) processes in high-energy proton-(anti)proton collisions offer a very promising framework within which to study both novel aspects of QCD and new physics signals. We discuss charmonium CEP applying the Durham model for evaluation of the rates and proton momentum correlations at the Tevatron and LHC energies.

We also present the results of a recent novel application of the 'hard exclusive' PT formalism to the CEP of dijets and dimeson CEP which, in particular, opens a way to probe the gluon component of the meson wave-functions.

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Classifica Sessioni: LHC and post-LHC

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