

Central Diffraction in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC

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Summary

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In this analysis ALICE detectors covering the pseudorapidity region $-3.7 < \eta < 5.1$, were used to identify central diffractive events through a double-pseudorapidity-gap topology. Central diffraction is characterized experimentally by two pseudorapidity gaps accompanied by hadronic activity in the central pseudorapidity region between the gaps. This talk will summarize the latest results on properties of double-gap events with different gap sizes.

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