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CMS results on soft and hard diffraction

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The measurement of the soft diffractive cross sections in single- and double-diffractive final states is presented at 7 TeV. Furthermore, also the production of jet-gap-jet final states is discussed and the results are interpreted in terms of a hard color singlet exchange. Finally, general features of particle production also in single-diffractive enhanced events are shown at 13TeV.

Primary author: OBERTINO, Maria Margherita (Universita' del Piemonte Orientale)

Presenter: OBERTINO, Maria Margherita (Universita' del Piemonte Orientale)

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