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Resonance measurement in pp and PbPb collisions at LHC with the ALICE detector

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The study of resonances production in pp collisions contributes to the proper tuning of the QCD-inspired particle production models and to the better understanding of the underlying event, while in PbPb collisions resonances are good probes to estimate the collective properties of the fireball, and in particular its lifetime. Strange resonances can also contribute to the historical topic of strangeness production measurement.
pT spectra have been measured for φ, K^*, Σ^* and Ξ^* resonances using data from pp collisions at 7 TeV in LHC, measured by the ALICE detector.
Mesons were analyzed in a rapidity window of ±0.5 while baryons in a window of ±0.8. Results will be shown from comparisons with several MC models, which show in general an acceptable match, except for the Ξ^* which appear to be underestimated.
Moreover, first results from the analysis of φ resonance in Pb-Pb collisions at 2.76 ATeV will be presented.

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