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## Two-particle correlations triggered with strange hadrons in pp collisions at 13 TeV measured with ALICE

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Angular correlations between particles can be utilised to study soft fragmentation and production processes as well as the role of multiple parton interactions. Moreover, a study of the multiplicity dependence can further differentiate between the connection of bulk particles and strangeness production in a more dense environment and the potential role of collective effects.

In this talk, we present results on the two-particle correlation studies in pp collisions at 13 TeV measured with ALICE where strange hadrons ( $K_S^0$ ,  $\Lambda$  and  $\Xi$ ) are used as trigger particles.

The comparison of the correlation functions of the  $\Xi$  hyperon associated with different strange and non-strange mesons and baryons with different models such as PYTHIA8 or EPOS provides an insight into the strangeness production mechanism. The ratios of the per-trigger yields from  $K_S^0$ -h and  $\Lambda$ -h to the yields extracted from the h-h correlation function are sensitive to the difference between quark and gluon jets hadronisation mechanism. The multiplicity and  $p_T^{\text{trigg}}$  dependence of the per-trigger yields and balanced yields will be shown.

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