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Two-particle correlations in pp collisions at 13 TeV measured with CMS

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Results on two-particle angular correlations for charged particles emitted in pp collisions at a center-of-mass energy of 13 TeV are presented. The correlations are studied as a function of charged-particle multiplicity and transverse momentum (pT). In high-multiplicity events, a long-range ($|\eta| > 2.0$), near-side ($\Delta\phi \approx 0$) structure emerges in the two-particle $\Delta\eta$ - $\Delta\phi$ correlation functions. The overall correlation strength is similar to that found in earlier pp data at 7 TeV, but is measured up to much higher multiplicity values.

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