

## Strangeness production in high multiplicity pp collisions

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Over the last three decades, proton-proton (pp) collisions have successfully provided a reference sample for the study of nucleus-nucleus collisions and have helped to unveil features attributed there to QGP formation. The results from the LHC pp program show some intriguing trends where the pp collisions resemble those of nucleus-nucleus collisions and therefore bring into question the reference sample paradigm at TeV scale. One of these measured effects is strangeness enhancement from low-multiplicity to high-multiplicity pp collisions where production rates of (multi-)strange particles similar to peripheral Pb-Pb collisions are reached. In the presentation a review of the multiplicity dependence of strange and multi-strange particle production in pp collisions at 7 and 13 TeV measured by the ALICE experiment will be reported.

**Author:** BOMBARA, Marek (Kosice University)

**Presenter:** BOMBARA, Marek (Kosice University)

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