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Universal strangeness production and size fluctuations in small and large systems

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Strangeness production at high multiplicity gives indications on the transverse size fluctuations in AA, pA and pp. In particular the universal behavior of strange particle hadronization in small and large systems can be tested for the specific particle species, for different centralities and for large fluctuation of the transverse size in pA and pp by using the recent ALICE data. The expected similar behavior between large and small systems at large energies is discussed on the basis of causality constraints.

Experimental Collaboration

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