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Correlations in small systems with ALICE (15' + 5')

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ALICE is dedicated to the study of the strongly interacting matter, the so-called Quark-Gluon Plasma (QGP), formed in heavy-ion collisions at the LHC. In addition, ALICE also actively participated in the pp and p-Pb collision programs at the LHC. In particular, the measurements of the two-particle azimuthal correlations in pp collisions at 7 TeV and in p-Pb collisions at 5.02 TeV have been performed by the ALICE Collaboration during Run I of the LHC. Similar long-range correlations in p-Pb and Pb-Pb collisions have been observed on the near and away side - also known as the double ridge. Further investigations showed the importance of the Multi-Parton Interactions (MPI) in high-multiplicity collisions in small systems. In this talk we present the ALICE results on the correlations in small systems including the latest analyses using the data from Run II at the LHC.

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