Advances in the investigation of weak and strong interactions

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Exploring the quark-gluon plasma with ALICE

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Measurements of two- and multi-particle azimuthal correlations provide valuable information on the properties of the system created in collisions of hadrons and nuclei at high energy. In this talk, the ALICE results for inclusive and identified particle azimuthal correlations are reported in different collision systems after a brief introduction of the concepts of a heavy-ion collision.

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