

PHENIX overview

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The wealth of data and an optimized detector configuration has enabled PHENIX to perform an extensive study on the evolution of medium effects from small to large systems. An insight into the properties of Quark-Gluon Plasma (QGP) is obtained through detailed measurements of the direct photons, π -hadron correlation, non-photonic electrons, and v_2 flow with a large statistics of data collected in 2014. A search for droplets of QGP in small system collisions continue with the measurements of collective flow, modification of light hadron and quarkonia production, and jet substructure. In this talk, we will report the recent results from the PHENIX experiment from various collision systems.

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