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Recent results from the PHENIX experiment

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As the study of the hot and dense medium created in ultra-relativistic heavy ion collisions advances from an exploratory phase to a more quantitative and detailed approach, the PHENIX experiment is exploiting the unique opportunities offered by the versatility of the Relativistic Heavy Ion Collider. Measurements from d+Au collisions are providing crucial new information about the cold nuclear matter effects that one needs to take into account in interpreting observations made in Au+Au collisions. Recent results from PHENIX on electromagnetic probes, quarkonia, open heavy flavor and two particle correlations will be shown.

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