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Results on hadron properties in pion, p, A+A collisions from HADES

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The HADES experiment at the GSI Helmholtz Center for Heavy Ion Research in Darmstadt, Germany is measuring systematically hadron properties in $\pi+A$, p+A and A+A collisions at energies of a few GeV. The versatility of HADES allows to address the medium-modifications of hadrons with a huge variety of different observables: ranging from direct line-shape modifications via the dilepton decay, over more indirect ones like kinematic distributions and yields of hadrons carrying strangeness, to macroscopic ones like chemical and kinetic freeze-out parameters or collective flow and its anisotropies. In this contribution we elaborate, which common picture from the wealth of data and observables is emerging.

Collaboration

HADES

Primary author: LORENZ, Manuel (Goethe University Frankfurt)**Presenter:** LORENZ, Manuel (Goethe University Frankfurt)**Session Classification:** Plenary Session