

Mesons, baryons and the phase diagram of QCD

We summarise recent theoretical results on the QCD phase diagram and the properties of hadrons at finite temperature and chemical potential based on a combination of lattice QCD and Dyson-Schwinger equations. We discuss the silver blaze property of mesons with different quantum numbers along the zero-T-finite- μ -axis and assess the influence of meson and baryon fluctuations on the location of the critical end point.

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