

Towards an improved holographic equation of state for hot and dense QCD

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I discuss recent studies which aim at improving the description of the equation of state and the phase diagram of QCD by using the holographic V-QCD framework. Such improvements include turning on a finite strange quark mass, comparison to lattice QCD data at finite mass, developing a simple model for a color superconducting phase, and analyzing isospin asymmetry in holographic nuclear matter.

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