Holographic study of quark matter properties and QCD phase diagram

Sunday, 27 April 2025 09:20 (20 minutes)

I will introduce some new developments in applying holographic methods to study the properties of QCD matter. These investigations encompass a wide range of topics, including the equation of state of QCD matter, conservation charge perturbations, jet energy loss, quantum entanglement, and other related phenomena. I will also discuss the characteristics of different holographic methods and identify signals that are sensitive to the Critical End Point in the presence of rotation.

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