

Properties of the QGP and its hadronization based on correlation and fluctuation measurements at RHIC and the LHC

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I will review the latest results from RHIC and LHC on correlation and fluctuation measurements. I will relate the deduced transport properties of the QGP to possible mechanisms of hadronization in the QCD crossover region, which manifest themselves in higher order fluctuations. Comparisons of lattice QCD and statistical equilibrium's models might allow us to shed light on the transition process from deconfined partons to hadrons. The possibility of producing exotic states during this transition will be discussed as well.

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