

Thermodynamics of QCD on the lattice: temperature, magnetic fields and chemical potentials

Thursday, 18 May 2017 15:00 (1h 30m)

In this talk I will review the progress achieved by lattice QCD simulations on our understanding of the equilibrium properties of strongly interacting matter under extreme conditions. I will focus on the QCD phase diagram for high T and small chemical potentials, considering also the effects of strong magnetic background fields on the hot medium.

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