

QCD crossover line at finite chemical potential from the Lattice

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An efficient way to study the QCD phase diagram at small finite density

is to extrapolate thermodynamical observables from imaginary chemical potential.

The phase diagram features a crossover line starting from the transition temperature already determined at zero chemical potential.

This talk focuses on the Taylor expansion of this line up to μ^4 contributions. We present the continuum extrapolation of the crossover temperature.

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