



Contribution ID: 20

Type: **not specified**

The phase diagram in T - μ - N_c space

Wednesday, May 9, 2012 9:30 AM (30 minutes)

We examine the phase diagram of hadronic matter when the number of colours N_c , as well as temperature and density, are varied. We show that in this regime a new percolation phase transition is possible, and examine the implications of this transition for extrapolations to physical QCD of the large- N_c limit.

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