



Contribution ID: 336

Type: **not specified**

Longitudinal and transverse meson correlators in the deconfined phase from the lattice

Friday, 18 June 2010 14:50 (20 minutes)

It has long been known that QCD undergoes a deconfining phase transition at high temperature. One of the consequent features of this new, quark-gluon phase is that hadrons become unbounded. In this talk meson correlation functions at non-zero momentum are studied in the deconfined phase using the Maximum Entropy Method. In particular, both the longitudinal and transverse vector correlation functions are studied.

Primary author: ALLTON, Chris (Swansea University)

Presenter: ALLTON, Chris (Swansea University)

Session Classification: Parallel 51: Nonzero temperature and density

Track Classification: Nonzero temperature and density