



Contribution ID: 349

Type: **Poster**

Long-Distance Properties of Landau Gluon and Ghost Propagators and Deconfinement

Tuesday, July 26, 2016 8:00 PM (1 hour)

We investigate numerically the long-distance properties of gluon and ghost propagators in Landau gauge on the lattice, for the $SU(2)$ case. By considering electric and magnetic gluon propagators at nonzero temperature, we extract Debye screening masses and look for signs of deconfinement around the critical temperature. Our results are related to the zero-temperature behavior of infrared propagators for comparison.

Primary authors: Mr CUCCHIERI, Attilio (University of São Paulo); MENDES, Tereza (University of São Paulo)

Presenter: MENDES, Tereza (University of São Paulo)

Session Classification: Poster

Track Classification: Nonzero Temperature and Density