Contribution ID: **62** Type: **Poster**

Holographic Estimates of the Deconfinement Temperature

Tuesday 9 September 2014 18:50 (1h 30m)

The problem of self-consistent estimates of the deconfinement temperature T_c in the framework of the bottom-up holographic approach to QCD is observed. It is shown that the standard soft wall model gives T_c around 260 MeV for planar gluodynamics in a good agreement with the lattice data. The extensions of soft wall model adjusted for descriptions of realistic meson spectra result in a broad range of predictions. This variability is related to a poor experimental information on the radially excited mesons.

Author: KATANAEVA, Alisa (SPbSU)

Co-author: AFONIN, Sergey (SPbSU)

Presenter: KATANAEVA, Alisa (SPbSU)

Session Classification: Poster Session

Track Classification: Poster Session