Contribution ID: 260 Type: Poster report

## Deconfinement temperature from holographic meson spectrum

Wednesday, 14 October 2020 18:50 (20 minutes)

The interrelation between the deconfinement temperature of hadron medium and parameters of radial Regge trajectories within the bottom-up holographic models for QCD is scrutinized. We show that the lattice data on the deconfinement temperature can yield a powerful restriction on the spectrum of excited mesons and glueballs within the framework of holographic approach.

**Primary authors:** AFONIN, Sergey (Saint Petersburg State University); KATANAEVA, Alisa (Saint Petersburg State University)

Presenter: AFONIN, Sergey (Saint Petersburg State University)

**Session Classification:** Poster session 4 (part 2)

**Track Classification:** Section 4. Relativistic nuclear physics, elementary particle physics and high-energy physics.