Contribution ID: 259 Type: Oral report

## Bottom-up holographic approach to meson spectroscopy

Tuesday 13 October 2020 16:35 (25 minutes)

The holographic methods inspired by the gauge/gravity correspondence from string theory have been actively applied to the hadron spectroscopy in the last fifteen years. Within the phenomenological bottom—up approach, the linear Regge-like trajectories for light mesons are naturally reproduced in the so-called "soft-wall"holographic models. I will give a very short review of the underlying ideas and technical aspects related to the meson spectroscopy.

**Author:** AFONIN, Sergey (Saint Petersburg State University)

Presenter: AFONIN, Sergey (Saint Petersburg State University)

Session Classification: Section 4. Relativistic nuclear physics, elementary particle physics and high-

energy physics

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

energy physics.