Contribution ID: **104** Type: **Talk**

Nature of particles azimuthal anisotropy at low and high transverse momenta in ultrarelativistic A+A collisions

Monday, 30 August 2021 12:00 (30 minutes)

Abstract:
LHC data on the correlations of the elliptic flow of particles at low and high p_T from Pb+Pb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV are analyzed in the framework of the HYDJET++ model. This model includes soft and hard components which allows to describe the region of both low and high transverse momenta. The origin of v_2 values in different p_T regions is investigated at different centralities. It is shown that the experimentally observed correlations between v_2 at low and high p_T in peripheral lead-lead collisions is due to correlation of particles in jets.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Yes

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