



Contribution ID: 183

Type: **Talk**

Rapidity and angular correlations in multi-Regge kinematics

Friday, 27 August 2021 11:00 (30 minutes)

Particle-particle correlations, either rapidity-rapidity or rapidity-azimuthal angle correlations was already an important tool for hadron collider physics since the early 70s. Recently, we studied one-particle rapidity distributions and two-particle rapidity-rapidity correlations at hadron colliders revisiting one of the old models, the Chew-Pignotti multiperipheral model and we were surprised to realize that the predictions were very much in line with the predictions one gets for the minijet radiation by using perturbative high energy QCD. Here, we report on results from studying rapidity-rapidity and rapidity-azimuthal angle correlations at proton-proton collisions using the Monte Carlo code BFKLex.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

Grigorios Chachamis, researcher at LIP Lisbon, Portugal.
<https://www.lip.pt/?section=about&page=person-details&details&id=889>

Internet talk

Yes

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