

## **Pseudorapidity Fluctuations in Relativistic Nuclear Interactions**

*Tuesday, 13 October 2020 19:15 (20 minutes)*

Results on the Event-by-event pseudorapidity fluctuations of the relativistic charged particles produced in O-AgBr interactions at 60 and 200A GeV/c will be presented. To compare the experimental results, analysis of AMPT simulated data will also be presented. Results are suggestive of the presence of pseudorapidity fluctuation and strong correlation.

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**Session Classification:** Poster session 4 (part 1)

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