



Contribution ID: 116 Contribution code: POS-BLK-11

Type: **Poster**

Search for critical point in NA61/SHINE

Tuesday 14 June 2022 17:29 (1 minute)

The existence and location of the QCD critical point is an object of both experimental and theoretical studies. Rich data recorded by NA61/SHINE at SPS allow for a systematic search for non-monotonic dependence of various correlation and fluctuation observables on collision energy and size of colliding nuclei.

This contribution will review the NA61/SHINE studies of scaled factorial moments of pion and proton multiplicity distributions, fluctuations of conserved charges as well as multiplicity and multiplicity-transverse momentum fluctuations.

Present via

Online

Primary author: CZOPOWICZ, Tobiasz (Jan Kochanowski University, Warsaw University of Technology)

Presenter: CZOPOWICZ, Tobiasz (Jan Kochanowski University, Warsaw University of Technology)

Session Classification: Poster

Track Classification: Bulk matter phenomena, QCD phase diagram, and Critical point