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Search for critical point in NA61/SHINE

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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

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