

Abstract Submitted
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Cumulants: it's not what you think¹ AGNIESZKA SORENSEN, UCLA/LBNL, VOLKER KOCH, LBNL, LARRY MCLERRAN, DMYTRO OLINICHENKO, INT — Cumulants of baryon number are given considerable attention in analyses of heavy-ion collision experiments as possible signatures of the QCD critical point. In this talk, I will show that the values of the lowest three cumulants can also be utilized to recover information about the incompressibility, the speed of sound, and their logarithmic derivatives. I will then discuss the possible influence of the nuclear liquid-gas phase transition on the measured values of the cumulants.

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Agnieszka Sorensen
University of California, Los Angeles

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