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Abstract for an Invited Paper for the HAW14 Meeting of the American Physical Society

Understanding event-shape fluctuations via flow correlations in heavy-ion collisions at LHC JIANGYONG JIA, Stony Brook University and Brookhaven National Laboratory

I will review the current experimental measurements of the event-by-event flow and its relation to the event-shape fluctuations in the initial state. I will discuss new types of event-shape fluctuations that should be measurable in heavy ion collisions at LHC.