

Abstract Submitted
for the DNP13 Meeting of
The American Physical Society

Measurement of HBT radii in 200 GeV d+Au collisions at RHIC

NUGGEHALLI AJITANAND, State University of New York at Stony Brook,
PHENIX COLLABORATION — Recent analysis of data from d+Au collisions at
RHIC have given rise to the speculation that the QGP is formed even in such dilute
systems. Measurement of Hanbury Brown-Twiss (HBT) effect can give an estimate
of the spatial and temporal extent of the region of homogeneity of the medium.
Results are presented for the 3-dimensional HBT radii for charged pions in 200 GeV
d+Au collisions as measured by the PHENIX detector.

Nuggehalli Ajitanand
State University of New York at Stony Brook

Date submitted: 01 Jul 2013

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