Abstract Submitted
for the MAR17 Meeting of
The American Physical Society

Quantum Gases under inflation[1] CHENG LI, TIN-LUN HO, Ohio State Univ - Columbus — Current technology is able to construct confining traps for quantum gases of the form of closed surfaces. By expanding these surfaces at a rate faster than speed of sound, the trapped gas can be "inflated". We shall discuss the key features of a quantum gas evolve under inflation, and how interaction effects manifest themselves in the inflation process.

[1]Work supported by by NSF Grant DMR1309615, MURI Grant FP054294-D, and NASA Fundamental Physics Grant 1518233.

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Date submitted: 11 Nov 2016 Electronic form version 1.4